

US EPA RECORDS CENTER REGION 5



452318

Final Report

Source Area 4 Groundwater Management Zone 2011 Annual Report

Southeast Rockford Groundwater
Contamination Superfund Site
Rockford, Illinois

Illinois Environmental
Protection Agency

January 30, 2013

**CDM
Smith**



Contents

Table of Contents

Section 1 Introduction	1-2
1.1 Leachate Control System Summary.....	1-2
Section 2 Field Activities	2-4
2.1 Groundwater Elevations.....	2-4
2.2 Sample Methods	2-4
2.3 Analytical methods.....	2-5
Section 3 Results.....	3-1
3.1 Hydraulic Results.....	3-1
3.2 Laboratory Analytical Results.....	3-1
3.2.1 Baseline VOCs Exceeding RGs	3-1
3.2.2 1st Q 2010 VOCs Exceeding RGs	3-1
3.2.3 2nd Q 2010 VOCs Exceeding RGs.....	3-1
3.2.4 3rd Q 2010 VOCs Exceeding RGs.....	3-2
3.2.5 4th Q 2010 VOCs Exceeding RGs.....	3-2
Section 4 Conclusions.....	4-1

Appendices

- Appendix A – Groundwater Sampling Sheets
- Appendix B – Analytical Data

List of Figures

- Figure 1. Area Map
- Figure 2. Area 4 Vicinity Map
- Figure 3. Area 4 Baseline Groundwater Potentiometric Surface
- Figure 4. Area 4 First Quarter Groundwater Potentiometric Surface Map
- Figure 5. Area 4 Second Quarter Groundwater Potentiometric Surface Map
- Figure 6. Area 4 Third Quarter Groundwater Potentiometric Surface Map
- Figure 7. Area 4 Fourth Quarter Groundwater Potentiometric Surface Map

List of Tables

- Table 1. Baseline and Quarterly Sampling Dates
- Table 2. Annual 2010 Observed Groundwater Elevations
- Table 3. Final Stabilized Field Parameter Readings for Monitoring Well Purging
- Table 4. Compounds Exceeding Remediation Goals

Section 1

Section 1

Introduction

CDM Smith Inc. (CDM Smith), formerly Camp Dresser and McKee Inc. (CDM), has prepared this Annual Groundwater Management Zone (GMZ) Monitoring Report for the Illinois Environmental Protection Agency (Illinois EPA) to document the controls, management and quality of the groundwater within the GMZ at Source Area 4. Source Area 4 is part of the Southeast Rockford Groundwater Contamination Superfund Site (CERCLIS No. 2010300074), located in Rockford, Winnebago County, Illinois (**Figure 1**).

CDM Smith, under contract to Illinois EPA, has completed the Remedial Design (RD)/ Remedial Action (RA) for the leachate component of Area 4 in accordance with the Operable Unit 3 (OU3) Record of Decision (ROD). The establishment of the GMZ for Area 4 was a requirement of the ROD. The GMZ application prepared by CDM Smith and dated December 4, 2009 was approved by Illinois EPA on December 16, 2010. The GMZ boundaries and monitoring well network are shown on **Figure 2**.

The GMZ monitoring was conducted in accordance with the GMZ application and the Source Area 4 GMZ Monitoring Sampling and Analysis Plan (SAP) prepared by CDM Smith. The GMZ sampling network includes 7 monitoring wells, 3 groundwater extraction wells and one multi-level well with 5 sampling ports for a total of 15 monitoring points. This report includes information from the initial baseline sampling conducted in November 2009 and the four quarterly sampling events during 2011. The report summarizes the methods and procedures used during the monitoring events, presents the data for the groundwater elevation measurements, and analytical results.

1.1 Leachate Control System Summary

From August through December 2009, the leachate control system components were installed and tested. The system treats groundwater contaminated with chlorinated volatile organic compounds (VOC) including 1,1,1-trichloroethane (TCA), 1,1-dichloroethene (1,1-DCE), trichloroethene (TCE), and tetrachloroethene (PCE). The system began operation in December 2009 and was declared operational and functional on October 6, 2010. Construction of the system is described in *Interim Leachate Component Remedial Action Completion Report, Source Area 4, Southeast Rockford Groundwater Contamination Superfund Site*, dated February 2011.

Leachate is extracted at a rate of approximately 60 gallons per minute (gpm) through a series of three extraction wells (EW1 through EW3), submersible pumps, piping and controls. The treatment train consists of an oil-water separator, air stripper, bag filters, and separate carbon units for the liquid and vapor effluent streams. The liquid effluent is discharged on-site to a storm water ditch and the vapor effluent is discharged to the air. Effluent is monitored monthly for VOCs to confirm the leachate is treated to acceptable levels. The vapor phase carbon unit is currently by-passed because the total VOC contaminant mass entering the system is well below the permit equivalency-required discharge limit of 8 pounds per hour.

After the system had been in operation for a few weeks after start-up, it became apparent that iron-related bacteria (IRB) were degrading system performance. This decrease in system performance was caused by iron fouling of EW3, which extracts the most contaminated groundwater, and iron fouling of the lead liquid phase carbon vessel.

In order to control the formation of iron slime in the system, an anti-scalent and microbicide are injected into extraction well EW3 during warmer months (approximately March to November) and year round into

the influent process line as it enters the treatment unit. When the chemicals are not injected into EW3, iron slime forms on the extraction well pump resulting in a gradual pumping rate loss of about 1 gallon per week. However, turning off the pump in extraction well EW1, which extracts the least contaminated water, temporarily increases the pumping rate in EW3. But this increase is temporary and eventually the EW3 pump must be removed and cleaned.



Section 2

Section 2

Field Activities

CDM Smith performed a baseline groundwater sampling event of all GMZ compliance monitoring network points and groundwater sample collection at some of the GMZ monitoring points on November 10, 2009. This sampling event was conducted prior to the start-up of the leachate control system in order to provide baseline contaminant concentrations for comparison to the quarterly data obtained during system operation. On December 1, 2009, the day before the leachate control system was started, a baseline round of water levels was collected from all five shallow monitoring wells and two of the multi-level well ports. The comparison will allow an evaluation of the effectiveness of the leachate control system as provided in this annual GMZ monitoring report.

Table 1 provides a summary of the baseline and 2011 quarterly sampling dates and wells sampled for each event. Wells that were not sampled include the following:

- During the baseline sampling event, the extraction wells (EW1, EW2 and EW3) were not operational and multi-level well MLW01 could not be sampled due to pump controller malfunction.
- During the 2011 first quarter sampling event, EW1 was not sampled because it was turned off to maintain the maximum possible pumping rate in EW3.
- During the 2011 second quarter sampling events, multi-level well MLW01 could not be sampled due to pump controller malfunction.

Because the overall leachate control system is currently in steady state conditions, these few missing data points do not impact the ability to evaluate the evaluate and monitor its effectiveness. All other sampling and analysis was performed in accordance with the SAP and approved GMZ application.

2.1 Groundwater Elevations

Potentiometric surface maps were prepared from the groundwater elevation data collected during the baseline study and the four quarters of GMZ monitoring. The groundwater elevation data used to compile these maps is provided in **Table 2**. The wells available for collection of elevation data include 12 of the GMZ monitoring points, but not the extraction wells. Groundwater elevation data was collected manually at each well prior to purging and sample collection. An electronic water level indicator was used and decontaminated before and after each use.

2.2 Sample Methods

The extraction wells were sampled from the tap on the waterlines that run to the treatment system and the each multi-level well port was sampled using integrated low-flow bladder pumps installed as part of the well assembly. The remaining monitoring wells were each purged using a submersible pump and pump controller capable of operating at low-flow purging rates. All wells were purged and sampled in accordance with the SAP. Except for the extraction wells, all wells were purged and sampled using low-flow methodology.

For all wells sampled except the extraction wells, field measurements of pH, temperature, specific conductance, dissolved oxygen (DO), turbidity, and oxidation-reduction potential (ORP) were monitored to identify the point stabilization was observed during purging. Parameter readings were recorded at five-

minute intervals and purging continued until field parameters were observed to be within stable range (as provided below) for three consecutive readings.

- pH, ± 0.25 standard units,
- dissolved oxygen, ± 10 percent,
- specific conductance, ± 50 umhos/cm,
- turbidity, less than 5 NTUs or ± 10 percent,
- temperature, $\pm 5^\circ\text{C}$,
- ORP potential ± 10 mV.

Final readings taken prior to sampling are provided in **Table 3** and original data sheets listing all readings recorded during purging are provided in **Appendix A**.

Quality control samples collected for each of the quarterly sampling events included one field duplicate per 10 or fewer investigative samples, one field blank per 10 or fewer investigative samples, one trip blank for each cooler shipped containing aqueous samples for VOC analysis, and one MS/MSD per 20 or fewer samples.

Field instruments were calibrated daily to the appropriate standards in accordance with the SAP. New or dedicated sample tubing was used for each discrete sampling location. The groundwater sample was collected directly from the pump discharge tubing into pre-preserved sample containers provided by a local laboratory.

2.3 Analytical methods

Groundwater samples were analyzed through the U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program (CLP) for low/medium volatile organics under SOM01.2. Analytical results were subsequently validated by U.S. EPA Region 5's Environmental Services Assistance Team ESAT contractor. The Level 4 Validation included a review of holding times; instrument tuning and performance; internal standards; initial and continuing calibration; surrogate recoveries; lab, field, and trip blanks; field duplicates; MS/MSD; lab control samples; and compound identification, quantification and reported detection limits.

Section 3

Section 3

Results

This section presents the results of the baseline sampling events and the four quarterly sampling events of 2011.

The GMZ monitoring wells within, as well as upgradient and downgradient of the GMZ boundaries are used to determine the effectiveness of the extraction wells for containing the groundwater contamination. The samples were collected as specified in the SAP. The monitoring well sample concentrations were compared to the baseline results and the remediation goals established in the ROD.

3.1 Hydraulic Results

Groundwater elevation measurements were collected for the baseline event as well as for the four quarters of the GMZ Monitoring during this first year of the Leachate Control System operation. **Table 2** presents the dates of data collection and the water elevations measured. Potentiometric surface maps are presented for the baseline event and each of the four quarterly events in **Figures 3** through **7**. Groundwater gradients are estimated across the site using elevation data from MW32 as the upgradient location and MW401A as the downgradient locations. Under either non-pumping or pumping conditions, the hydraulic gradient is relatively flat and the gradient difference between non-pumping and pumping conditions is minimal.

The baseline sampling event was conducted on December 1, 2009, the day before the leachate control system was started. Groundwater elevations were measured at the five shallow monitoring wells and two ports of the multi-level monitoring well. The baseline potentiometric surface map is presented as **Figure 3**. The groundwater flow for the baseline monitoring event was to the northwest trending more westerly closer to the drainage ditch. The gradient before start-up of the leachate control system was approximately 0.002565 ft/ft.

The first quarter groundwater elevations were measured in April 2011 after the leachate control system had been operating for fourteen months. EW1 was not operating at the time of this event to maintain the maximum pumping rate in EW3. The approximate combined pumping rate was 51 gpm. The groundwater flow direction continued to the northwest with a slight variation in flow direction between the extraction wells and the drainage ditch (**Figure 4**). This indicates that the leachate control system exerts a slight influence on the groundwater levels in the vicinity of the extraction wells, as would be expected. The approximate groundwater gradient calculated from the first quarter groundwater elevations was approximately 0.002802 ft/ft.

The second quarter groundwater elevations were measured in July 2011. At this time, all three of the extraction wells were all operating and pumping with an approximate combined pumping rate of 62 gpm. The multi-level well was not sampled in this event due to pump control box malfunction. The groundwater flow direction measured predominantly to the northwest with a slight depression in the vicinity of the multi-level well (**Figure 5**). This indicates that the leachate control system continued to exert a slight influence on the groundwater levels in the vicinity of the extraction wells. The second quarter groundwater gradient was approximately 0.002909 ft/ft.

The third quarter groundwater elevation was measured in October 2011. At this time, all three of the extraction wells were all operating and pumping with an approximate combined pumping rate of 67 gpm. All extraction wells, monitoring wells, and multi-level wells were sampled at this event. The groundwater flow direction is to the northwest with a slight variation in flow direction between the MW22B and the drainage ditch (**Figures 6**). The groundwater level was slightly influenced by leachate control system in the vicinity of extraction wells. The third quarter groundwater gradient was approximately 0.002931 ft/ft.

The fourth quarter groundwater elevation was measured in January 2011. At this time, all three of the extraction wells were all operating and pumping with an approximate combined pumping rate of 64 gpm. The groundwater flow direction continued to the northwest with a slight variation in flow direction between the multi-level well and the drainage ditch (**Figure 7**). This indicates that the leachate control system exerts influence on the groundwater levels in the vicinity of the extraction wells. The fourth quarter groundwater gradient was approximately 0.002284 ft/ft.

3.2 Laboratory Analytical Results

The laboratory analytical results were compared to the remediation goals (RG) from the OU3 Record of Decision (ROD) and Groundwater Quality Standards for Class I: Potable Resource Groundwater (IAC 620.410). **Table 4** provides a summary of VOCs that have exceeded RGs in at least one sample collected during the baseline or four subsequent quarterly monitoring events. Complete analytical results are provided in **Appendix B**.

The GMZ monitoring investigative samples and associated QC samples were analyzed through the USEPA CLP and validated by U.S. EPA Region 5's ESAT contractor. Overall, the validation determined that the data are useable with qualifications. A small percentage of the analytical results were rejected; however, an evaluation of the rejected data determined that it does not constitute critical data and the rejected data does not result in any data gaps for this monitoring program. Numerous samples did exceed the calibration range for the initial run and required a second run at a dilution. The impacted parameters are qualified with a "D" indicating that the value reported is from the diluted sample run.

3.2.1 Baseline VOCs Exceeding RGs

During the baseline sampling conducted in November 2009, the extraction wells were not sampled because they were not operational and MWL01, the multi-level well was not sampled because the pump control was not operational. For the baseline sampling event, downgradient well MW130A (**Figure 2**) exceeded the RG for TCA and MW401A, located immediately downgradient of the extraction well system, but within the GMZ boundary, exceeded the RGs for TCA, 1,1-DCE, and TCE (**Table 4**). The upgradient well, MW32, exceeded the RG for TCE.

3.2.2 1st Q 2011 VOCs Exceeding RGs

During the first quarter of the GMZ monitoring all the GMZ wells were sampled with the exception of EW1 due to the low concentrations of contaminants being captured by that extraction well. Upgradient well MW32 contained TCE at a concentration that exceeds its RG. The compound PCE and TCA was detected over the RG in MWL01E and MW22A. The compounds TCA, and 1,1-DCE were detected over the RG in EW3 and MW-130A (**Table 4**).

3.2.3 2nd Q 2011 VOCs Exceeding RGs

All GMZ wells were also sampled during the second quarterly event except multi-level well due to pump control box malfunction. The only extraction well with detections over the RG was EW3. The compounds

exceeding RGs for this well this quarter were TCA, 1,1-DCE, PCE, and TCE. The upgradient well, MW32 exceeded the RG for TCE (**Table 4**).

3.2.4 3rd Q 2011 VOCs Exceeding RGs

During the first quarter of the GMZ monitoring all the GMZ wells were sampled. The compound TCA was detected and exceeded the RG in EW3 (**Table 4**). The upgradient well, MW32 exceeded the RG for TCE.

3.2.5 4th Q 2011 VOCs Exceeding RGs

For the fourth quarter monitoring all wells were sampled. The compound TCA and TCE were detected over the RG in EW3 (**Table 4**).



Section 4

Section 4

Conclusions

This report summarizes the information obtained during the baseline and quarterly monitoring events for this first year of GMZ Monitoring at Source Area 4, Southeast Rockford Groundwater Contamination Site.

Groundwater levels were measured for the baseline and each quarter for the year. **Table 2** provides a summary of the groundwater elevation measurements. The leachate extraction system was operational since December 2009 after the baseline measurements, the gradient increased across the site due to the pumping of the extraction wells and the pumping rates of the extraction wells were sufficient to keep the increased gradient fairly steady since then. The groundwater flow direction remained consistent for the four quarters of GMZ monitoring events with only slight variations in the vicinity of the drainage ditch and extraction wells. Additionally it appears that the leachate control system was exerting a small localized influence on the groundwater near MWL01 and the MW401 well nest. It is acknowledged that there is a paucity of monitoring points in this area so the interpretation of the data is based on best judgment.

Table 4 provides a summary of the VOCs that exceeded their RG during any monitoring event. The upgradient monitoring well, MW32, had low-level concentrations of several site-related VOCs for monitoring events, including TCE at concentrations that exceed the RG.

The EW3 had detections of contaminants of concern for all four quarters of monitoring. The northern-most well, EW1, had relatively low levels of contaminants, well below the RGs, for the first two quarters of 2010 so it was turned off in early October, 2010 to compensate for iron fouling in EW3. The EW1 was turned back on since second quarter of 2011 and had no detections of contaminants exceeding the RGs in the rest of three quarters. EW2, the well just south of EW1, had no detections of VOCs in all four quarters with exceeding the RG. The southern-most extraction well, EW3, had several VOCs that exceeded RGs in each monitoring quarter. The primary contaminant of concern, TCA exceeded the RG for all four quarters, 1,1-DCE exceeded in the first quarter, and TCE exceeded in the second and fourth quarters.

The multi-level well, MLW01, showed low-level VOC concentrations in all four quarters for the four lower ports but the shallowest port had several VOCs that exceeded RGs each monitoring quarter. The VOC concentrations over the course of the year did not show any significant change for any of the ports.

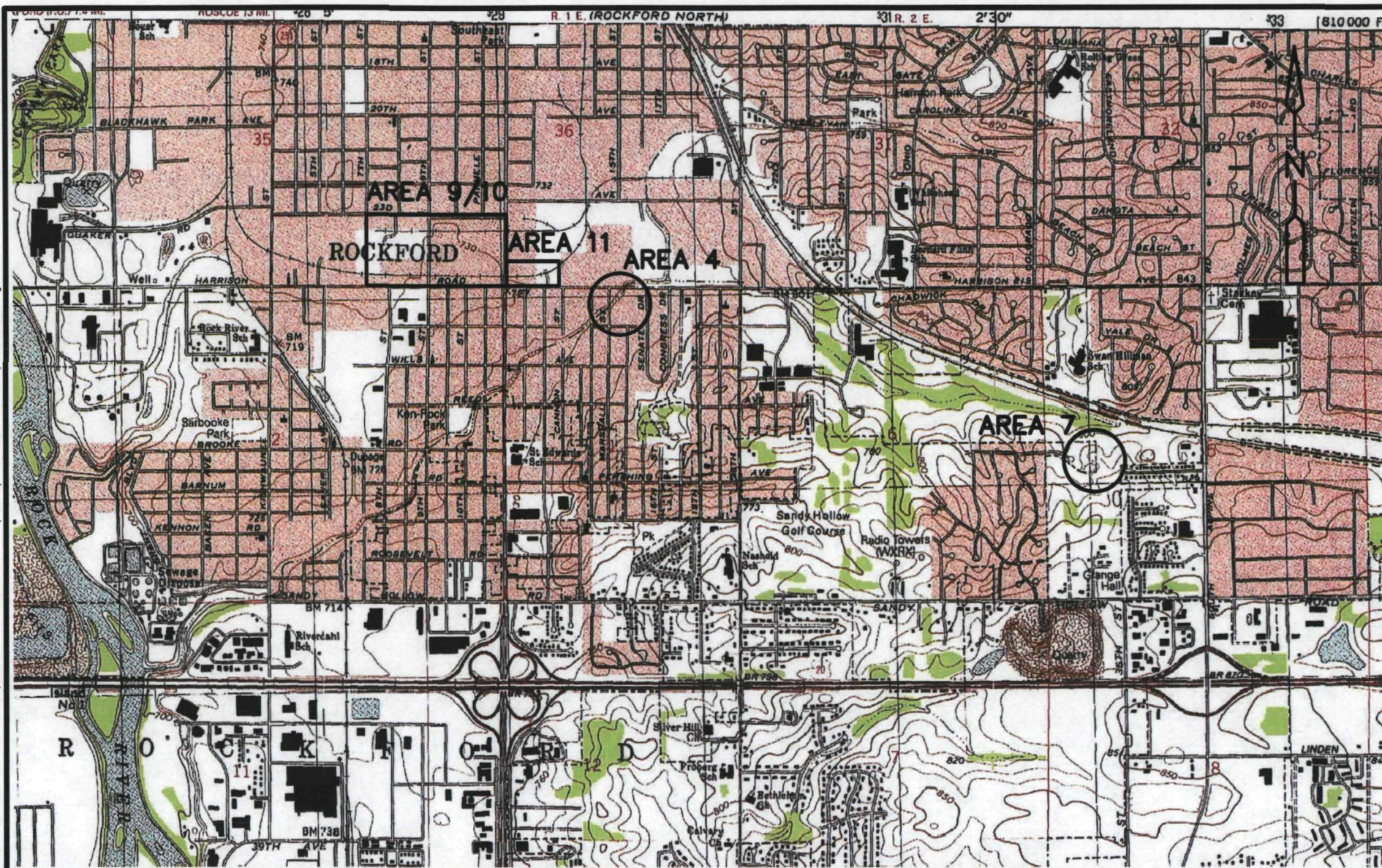
The well nest MW401 A and B which is located just west of EW1 had detections of several VOCs above the RG during the baseline event. Once the system was operational, the concentrations of VOCs decreased significantly and no VOCs were detected above their RGs for any of the monitoring quarters.

The downgradient wells, MW22A and B, are considered compliance wells for the GMZ. In both of these wells, no VOCs exceeded their RG and the concentrations either decreased slightly or remained constant from the baseline through all four quarters of monitoring. The other two compliance wells, MW130A and B, had no detections of VOCs that exceeded the RGs except MW130A in the first quarter only. The deeper well MW130B had one exceedance in all four monitoring quarter. The shallower well, MW130A, had two VOCs, TCA and 1,1,DCE, exceed RGs in the first quarter of monitoring and no detection of VOCs exceeded in the rest of three quarters. The concentrations in these wells did not show any significant changes over the year monitoring period.

The remedy for the leachate component of the Area 4 RA was declared operational and functional (O&F) because contaminant concentrations in groundwater immediately downgradient of the groundwater extraction system have decreased (MW401A and B) and the treatment of contaminated effluent is operating as designed. Also, contaminant concentrations in groundwater further downgradient of the groundwater extraction system have decreased (MW130A and B) and which indicated the system has been operating long enough to impact groundwater further downgradient. In addition, because there may be other sources of groundwater contamination in the vicinity of Area 4 that have not been identified, or this groundwater further downgradient is potentially being impacted by a source other than Area 4.

Figures

PLOT DATE: 6/3/2011 11:38 AM PLOTTED BY: ROMAN, OSCAR DWG LOCATION: S:\1681\77224_Area4-GMZ\FIGURE-1.dwg



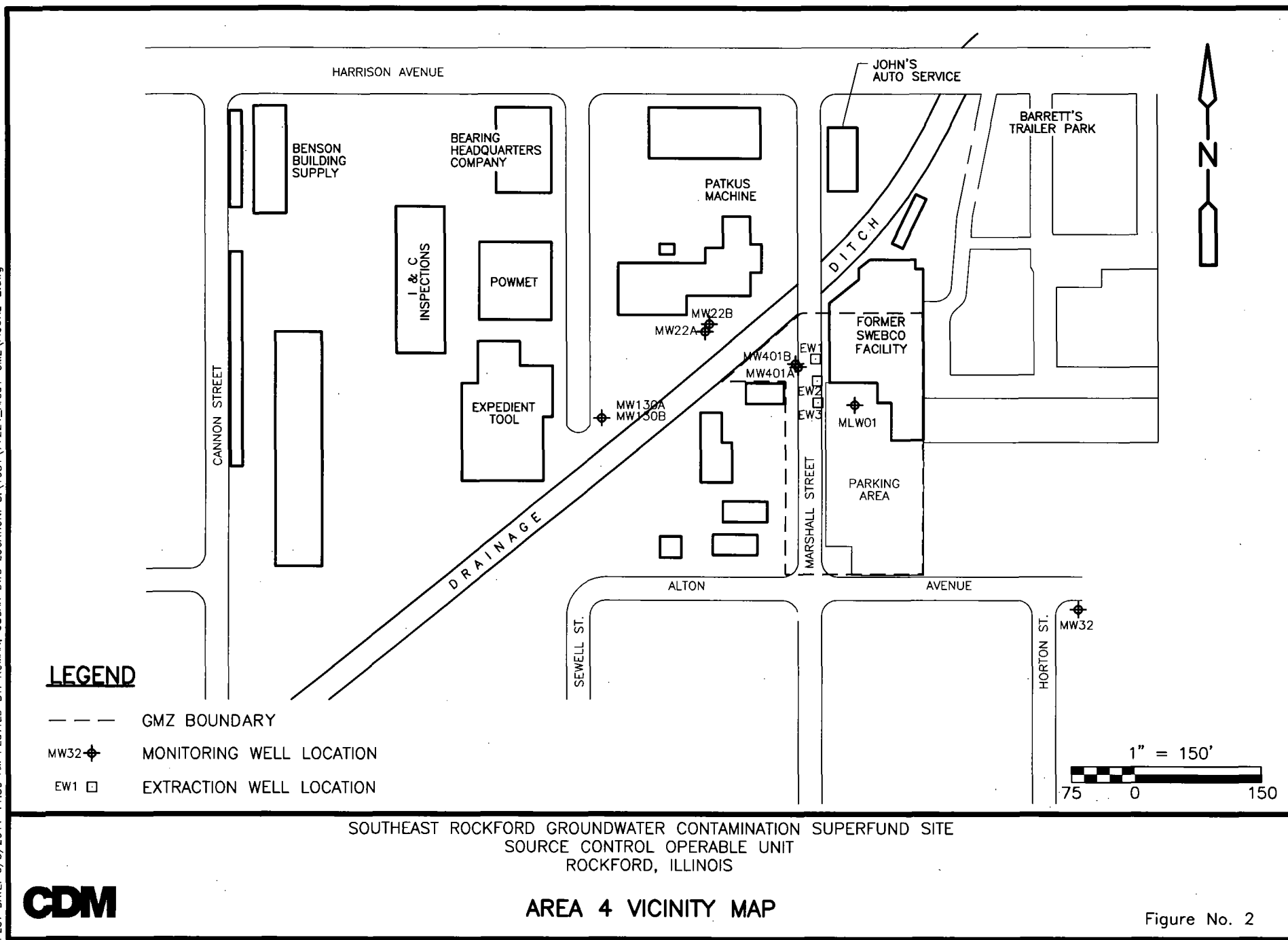
SOUTHEAST ROCKFORD GROUNDWATER CONTAMINATION SUPERFUND SITE
SOURCE CONTROL OPERABLE UNIT
ROCKFORD, ILLINOIS

CDM

AREA MAP

Figure No. 1

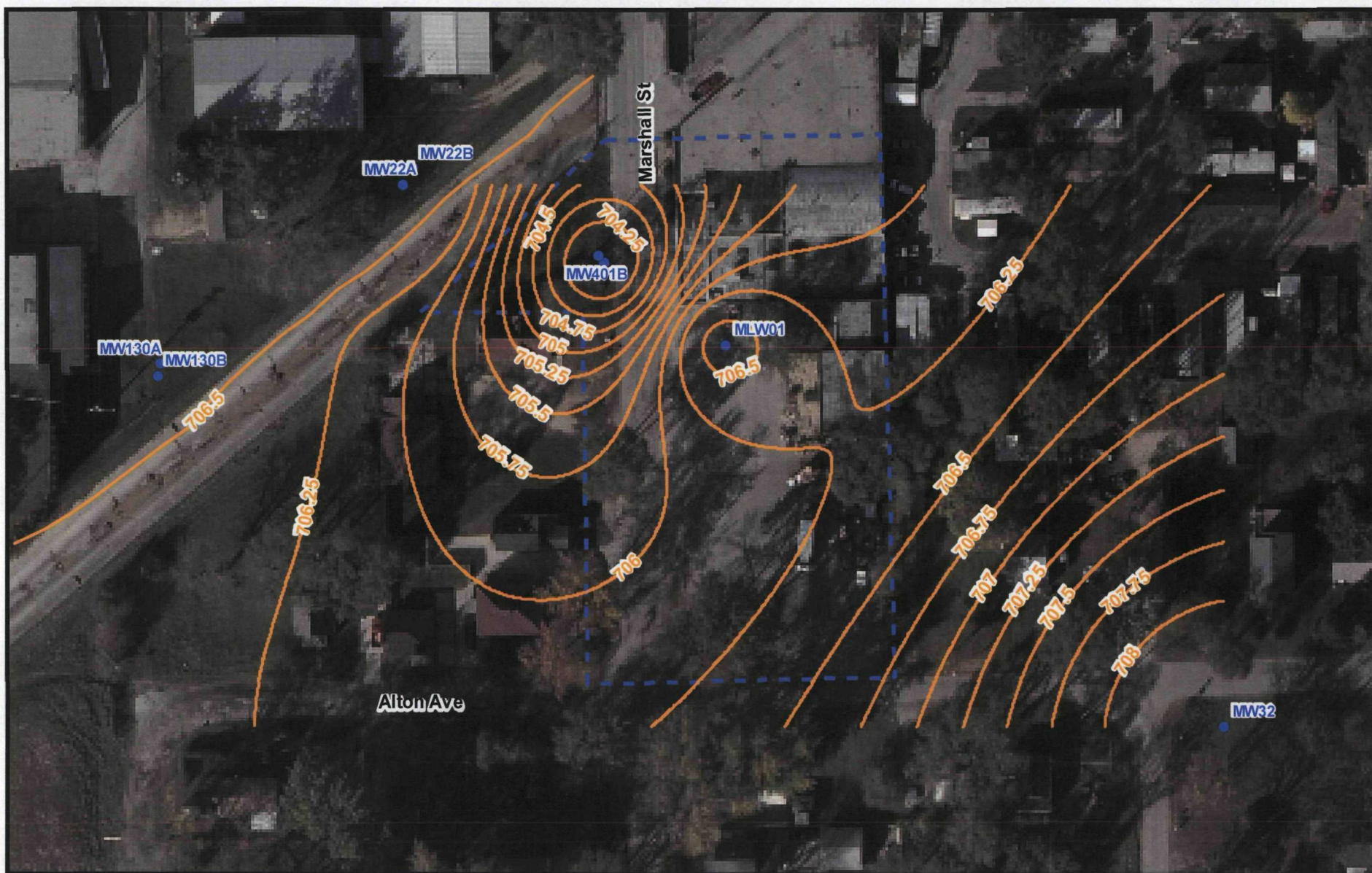
PLOT DATE: 6/3/2011 11:39 AM PLOTTED BY: ROMAN, OSCAR DWG LOCATION: S:\1681\77224_Area4-GMZ\FIGURE-2.dwg



CDM

AREA 4 VICINITY MAP

Figure No. 2



Legend

- Monitoring Well Location
- Baseline Groundwater Contour
- - - GMZ Boundary

CDM

Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

Area 4 Baseline Groundwater Potentiometric Surface



0 20 40 80 Feet

Figure No. 3



Legend

- Monitoring Well Location
- Groundwater Contour
- - - GMZ Boundary

CDM

Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

**Area 4 First Quarter Groundwater
Potentiometric Surface Map**

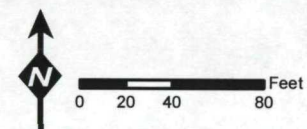


Figure No. 4



Legend

- Monitoring Well Location
- Groundwater Contour
- GMZ Boundary

CDM

Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

**Area 4 Second Quarter Groundwater
Potentiometric Surface Map**



0 20 40 80 Feet

Figure No. 5



Legend

- Monitoring Well Location
- Groundwater Contour
- GMZ Boundary

Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

**Area 4 Third Quarter Groundwater
Potentiometric Surface Map**



0 20 40 80 Feet

Figure No. 6



Legend

- Monitoring Well Location
- Groundwater Contour
- - - GMZ Boundary

CDM

Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

Area 4 Fourth Quarter Groundwater Potentiometric Surface Map

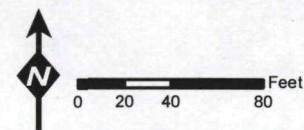


Figure No. 7

Tables

Baseline and 2011 Quarterly Sampling Dates
Source Area 4 GMZ 2011 Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

[illegible]

Table 2

**Baseline and 2011 Observed Groundwater Elevations
Source Area 4 GMZ 2011 Annual Report
Southeast Rockford Groundwater Contamination Superfund Site**

Well ID	Top of Casing Elevation (ft)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)
	Date	12/01/2009 - Baseline		04/18/2011 - 1st Quarter		07/19/2011 - 2nd Quarter		10/11/2011 - 3rd Quarter		01/10/2012 - 4th Quarter	
MW-22A	730.35	23.60	706.75	25.31	705.04	25.45	704.90	25.86	704.49	25.99	704.36
MW-22B	729.75	--	--	24.76	704.99	24.84	704.91	25.26	704.49	25.41	704.34
MW-32	733.84	25.60	708.24	27.37	706.47	27.51	706.33	27.94	705.90	28.22	705.62
MW-130A	728.04	21.50	706.54	23.18	704.86	23.31	704.73	23.77	704.27	23.91	704.13
MW-130B	727.52	--	--	22.72	704.80	22.86	704.66	23.30	704.22	23.47	704.05
MW-401A	730.35	23.30	707.05	25.18	705.17	25.37	704.98	25.81	704.54	25.79	704.56
MW-401B	730.34	--	--	25.12	705.22	25.31	705.03	25.72	704.62	25.80	704.54
MWL01A (69ft)	731.77	26.13	705.64	27.96	703.81	-	-	28.31	703.46	28.93	702.84
MWL01B (60ft)	731.77	--	--	27.78	703.99	-	-	28.15	703.62	28.75	703.02
MWL01C (49ft)	731.77	--	--	27.60	704.17	-	-	27.95	703.82	28.50	703.27
MWL01D (41ft)	731.77	--	--	27.46	704.31	-	-	27.83	703.94	28.54	703.23
MWL01E (33.5ft)	731.77	25.12	706.65	26.88	704.89	-	-	27.22	704.55	27.79	703.98

Table 3

Baseline and 2011 Quarterly Stabilized Field Parameter Readings
Source Area 4 GMZ 2011 Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Final Parameters Readings	Flowrate mL/min	Drawdown	pH	Specific Cond. mS/Cm	Turbidity NTU	Dissolved Oxygen mg/L	Temp °C	ORP mV	purged Min
11/10/2009 - Baseline									
MLW01A	----	----	Pump control box malfunction						
MLW01B	----	----							
MLW01C	----	----							
MLW01D	----	----							
MLW01E	----	----							
MW22A	470	0.03	6.88	1529	1.3	6.09	14.65	125.2	40
MW22B	500	0.03	6.94	1125	18	5.11	14.89	65.4	60
MW32	500	1.16	6.73	1233	3.1	15.87	14.23	110.7	45
MW130A	200	0.32	6.56	1134	13.4	4.61	16.01	34.2	50
MW130B	460	0.03	6.88	1147	5.7	7.5	14.5	102.7	50
MW401A	500	0.02	6.81	1518	6.58	4.65	16.16	96.8	35
MW401B	460	0.03	6.89	1130	7.8	12.61	14.2	91.2	30
04/18/2011 - 1st Qtr									
MLW01A	425	----	YSI malfunction			0.82	YSI malfunction		
MLW01B	325	----				0.43			
MLW01C	240	----				0.72			
MLW01D	200	----				0.19			
MLW01E	200	----				0.87			
MW22A	250	0.01	7.02	1.04	9.2	7.39	14.41	125.8	50
MW22B	300	0.04	2.02	1.169	44.7	5.21	13.55	140.5	60
MW32	200	0.03	6.93	1.314	101	4.61	11.43	112.5	45
MW130A	200	0.27	6.83	1.2	21.6	2.66	14.94	73.9	90
MW130B	250	0.01	6.99	1.267	22.3	483	14.16	115	60
MW401A	250	0.02	7	1.01	71.4	8.01	12.76	115.7	60
MW401B	200	0.08	6.96	1.225	14	4.24	11.73	101.8	47
07/19/2011 - 2nd Qtr									
MLW01A	----	----	Pump control box malfunction						
MLW01B	----	----							
MLW01C	----	----							
MLW01D	----	----							
MLW01E	----	----							
MW22A	350	0.02	7.04	1.112	10.06	12.94	22.03	129.4	80
MW22B	250	0.05	7.24	1.171	31.5	4.21	20.37	33.6	90
MW32	350	0.03	7.13	1.235	14.2	3.62	19.99	74.2	60
MW130A	300	0.27	7.11	1.229	14.9	1.41	15.85	11.7	35
MW130B	300	0.01	7.04	1.22	19.9	8.62	19.8	152.4	75
MW401A	350	0.01	7.25	1.221	20	4.77	18.7	73.4	75
MW401B	300	0.05	7.08	1.229	14	8.91	19.28	176.4	55

Table 3

Baseline and 2011 Quarterly Stabilized Field Parameter Readings
Source Area 4 GMZ 2011 Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Final Parameters Readings	Flowrate mL/min	Drawdown	pH	Specific Cond. mS/Cm	Turbidity NTU	Dissolved Oxygen mg/L	Temp °C	ORP mV	purged Min
10/11/2011 - 3rd Qtr									
MLW01A	-----	----	6.81	0.94	0.87	1.17	13.61	50.6	30
MLW01B	-----	----	6.82	1.024	0.17	3.79	13.59	43.4	35
MLW01C	-----	----	6.85	1.021	0.04	4.06	13.36	40.9	20
MLW01D	-----	----	6.82	1.05	0.41	4.52	13.6	43	15
MLW01E	-----	----	6.8	1.055	0.81	0.28	15.06	-42.8	45
MW22A	300	0.01	7.02	1.419	20.2	4.55	18.73	65.4	65
MW22B	400	0.04	7.11	1.177	19.9	4.44	16.99	34.4	70
MW32	300	0.01	7.07	1.253	13.6	3.88	17.72	59.8	60
MW130A	250	0.24	6.91	1.279	21.3	2.38	18.43	-5.7	65
MW130B	300	0.01	7.17	1.235	25.6	4.28	15.83	60.9	75
MW401A	350	0.01	7.14	1.238	13.3	4.47	18.31	54.7	70
MW401B	350	0.07	7.13	1.244	12.2	4.2	15.71	65.3	45
01/10/2012 - 4th Qtr									
MLW01A	-----	----	7.13	1.153	1.78	1.37	11.46	-33.7	20
MLW01B	-----	----	7.06	1.205	0.31	3.78	11.49	-9.1	30
MLW01C	-----	----	7.07	1.21	0.29	3.8	11.64	-14.1	15
MLW01D	-----	----	7.04	1.263	0.34	4.19	11.74	-4.9	21
MLW01E	-----	----	6.75	1.233	2.54	0.69	11.96	-102.6	12
MW22A	375	0.03	7.09	1.254	6.71	6.09	14.16	19.7	50
MW22B	400	0	7.11	1.182	8.51	4.82	14.04	15.8	75
MW32	300	0	7.08	1.198	8.17	4.13	13.49	5.8	35
MW130A	300	0.01	6.92	1.189	15.7	2.47	15.06	-1.1	55
MW130B	300	0.01	7.14	1.185	7.11	4.88	13.02	74.9	50
MW401A	375	0	7.13	1.153	6.67	4.92	14.15	13.3	50
MW401B	400	0.05	7.13	1.191	9.19	4.31	12.88	19.1	35

Table 4

Compounds Exceeding Remediation Goals
 Souce Area 4 GMZ Monitoring Annual Report
 Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID		E52L9	E52P7	E52R3	E52H5	E52M0	E52P8	E52R4	E52H6	E52M1
Station Location		A4-EW001	A4-EW001	A4-EW001	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW003	A4-EW003
Sample Type	RG	N	N	N	N	N	N	N	N	N
Sample Date		7/20/2011	10/11/2011	1/11/2012	4/18/2011	7/19/2011	10/11/2011	1/11/2012	4/18/2011	7/19/2011
Chemical (µg/L)	(µg/L)									
1,1,1-Trichloroethane	200	14	8.9	7.9	39	77	31	26	2900	1200
1,1-Dichloroethene	7	2 J	5 U	5 U	5 U	3.1 J	5 U	5 U	81 J	27
Tetrachloroethene	5	0.4 J	5 U	5 U	5 U	0.64 J	5 U	5 U	500 U	2.1 J
Trichloroethene	5	2.1 J	5 U	1.2 J	2.8 J	2.4 J	5 U	1.4 J	500 U	6.6 J

Notes:

FD = Field Duplicate

D = Dilution

ug/L = Microgram per Liter

J = Estimated

U = Undetected

Table 4

Compounds Exceeding Remediation Goals
 Souce Area 4 GMZ Monitoring Annual Report
 Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID		E52P9	E52R5	E52H9	E52Q2	E52Q8	E52J0	E52Q3	E52Q9
Station Location		A4-EW003	A4-EW003	A4-MLW01A	A4-MLW01A	A4-MLW01A	A4-MLW01B	A4-MLW01B	A4-MLW01B
Sample Type	RG	N	N	N	N	N	N	N	N
Sample Date		10/11/2011	1/11/2012	4/19/2011	10/11/2011	1/11/2012	4/19/2011	10/11/2011	1/11/2012
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	740	710	6.6	5 U	4.5 J	8.3	3.1 J	3.9 J
1,1-Dichloroethene	7	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	2.2 J	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	2.8 J	5.4 J	1.6 J	5 U	1.3 J	2.9 J	5 U	1.3 J

Notes:

FD = Field Duplicate

D = Dilution

ug/L = Microgram per Liter

J = Estimated

U = Undetected

Table 4

Compounds Exceeding Remediation Goals
 Souce Area 4 GMZ Monitoring Annual Report
 Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID		E52J1	E52Q4	E52R0	E52J2	E52Q5	E52R1	E52J3	E52Q6
Station Location		A4-MLW01C	A4-MLW01C	A4-MLW01C	A4-MLW01D	A4-MLW01D	A4-MLW01D	A4-MLW01E	A4-MLW01E
Sample Type	RG	N	N	N	N	N	N	N	N
Sample Date		4/19/2011	10/11/2011	1/11/2012	4/19/2011	10/11/2011	1/11/2012	4/19/2011	10/11/2011
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	8.7	2.7 J	3 J	9	2.8 J	2.8 J	300	180
1,1-Dichloroethene	7	5 U	5 U	5 U	5 U	5 U	5 U	5.3 J	5 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	18 J	6.2
Trichloroethene	5	2.9 J	5 U	1.1 J	2.8 J	5 U	1.1 J	25 U	5 U

Notes:

FD = Field Duplicate

D = Dilution

ug/L = Microgram per Liter

J = Estimated

U = Undetected

Table 4

Compounds Exceeding Remediation Goals
 Souce Area 4 GMZ Monitoring Annual Report
 Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID		E52R2	E52J6	E52J7	E52M3	E52Q7	E52Q1	E52J8	E52M4
Station Location		A4-MLW01E	A4-MW022A	A4-MW022A-D	A4-MW022A	A4-MW022A	A4-MW022A	A4-MW022B	A4-MW022B
Sample Type	RG	N	N	FD	N	N	N	N	N
Sample Date		1/11/2012	4/18/2011	4/18/2011	7/19/2011	10/11/2011	1/10/2012	4/18/2011	7/19/2011
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	200	33	26	15	20	15	6.7	4.4 J
1,1-Dichloroethene	7	5 U	5 U	1.3 J	5 U	5 U	5 U	1.5 J	5 U
Tetrachloroethene	5	3.7 J	9.3	0.62 J	5 U	5 U	5 U	0.61 J	0.32 J
Trichloroethene	5	5 U	0.83 J	0.82 J	5 U	5 U	5 U	1.7 J	1.2 J

Notes:

FD = Field Duplicate

D = Dilution

ug/L = Microgram per Liter

J = Estimated

U = Undetected

Table 4

Compounds Exceeding Remediation Goals
 Souce Area 4 GMZ Monitoring Annual Report
 Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID		E52Q8	E52Q9	E52Q0	E52Q7	E52J9	E52M5	E52R0	E52P7
Station Location		A4-MW022B	A4-MW022B-D	A4-MW022B	A4-MW022B-D	A4-MW032	A4-MW032	A4-MW032	A4-MW032
Sample Type	RG	N	FD	N	FD	N	N	N	N
Sample Date		10/11/2011	10/11/2011	1/10/2012	1/10/2012	4/18/2011	7/19/2011	10/11/2011	1/10/2012
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	2.7 J	2.9 J	5.1	6.9	15	8.3	7.2	8.4
1,1-Dichloroethene	7	5 U	5 U	5 U	5 U	1.7 J	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	0.61 J	0.54 J	5 U	5 U
Trichloroethene	5	5 U	5 U	1.2 J	1.4 J	8.1	5.1	2.8 J	5

Notes:

FD = Field Duplicate

D = Dilution

ug/L = Microgram per Liter

J = Estimated

U = Undetected

Table 4

Compounds Exceeding Remediation Goals
 Souce Area 4 GMZ Monitoring Annual Report
 Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID		E52K1	E52M6	E52R1	E52Q4	E52K2	E52M7	E52R2	E52Q2
Station Location		A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B
Sample Type	RG	N	N	N	N	N	N	N	N
Sample Date		4/18/2011	7/19/2011	10/12/2011	1/11/2012	4/18/2011	7/19/2011	10/12/2011	1/11/2012
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	290	140	120	130	49	20	5 U	17
1,1-Dichloroethene	7	9.2 J	5	5 UJ	5 U	2.7 J	2.1 J	5 U	5 U
Tetrachloroethene	5	20 U	0.61 J	5 U	5 U	0.78 J	0.41 J	5 U	5 U
Trichloroethene	5	3.4 J	2.8 J	5 U	2.5 J	3 J	1.7 J	5 U	1.7 J

Notes:

FD = Field Duplicate

D = Dilution

ug/L = Microgram per Liter

J = Estimated

U = Undetected

Table 4

Compounds Exceeding Remediation Goals
 Source Area 4 GMZ Monitoring Annual Report
 Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID		E52K3	E52M8	E52M9	E52R3	E52P9	E52K4	E52N0	E52R4
Station Location		A4-MW401A	A4-MW401A	A4-MW401A-D	A4-MW401A	A4-MW401A	A4-MW401B	A4-MW401B	A4-MW401B
Sample Type	RG	N	N	FD	N	N	N	N	N
Sample Date		4/18/2011	7/19/2011	7/19/2011	10/11/2011	1/10/2012	4/18/2011	7/19/2011	10/11/2011
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	10	4.7 J	4.7 J	3.3 J	5.8	10	6.3	4.6 J
1,1-Dichloroethene	7	1.3 J	5 U	1.7 J	5 UJ	5 U	1.4 J	1.9 J	5 U
Tetrachloroethene	5	0.54 J	0.28 J	0.28 J	5 U	5 U	5 U	0.34 J	5 U
Trichloroethene	5	3.1 J	1.7 J	1.7 J	5 U	1.5 J	3 J	2.5 J	5 U

Notes:

FD = Field Duplicate

D = Dilution

ug/L = Microgram per Liter

J = Estimated

U = Undetected

Table 4

Compounds Exceeding Remediation Goals
 Souce Area 4 GMZ Monitoring Annual Report
 Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID		E52R5	E52P8	E52Q6
Station Location		A4-MW401B-D	A4-MW401B	A4-MW401B-D
Sample Type	RG	FD	N	FD
Sample Date		10/11/2011	1/10/2012	1/10/2012
Chemical (µg/L)	(µg/L)			
1,1,1-Trichloroethane	200	4 J	6.6	8.1
1,1-Dichloroethene	7	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U
Trichloroethene	5	5 U	2.5 J	2.9 J

Notes:

FD = Field Duplicate

D = Dilution

ug/L = Microgram per Liter

J = Estimated

U = Undetected

Appendices

Appendix A

Appendix A – Groundwater Sampling Sheets

Baseline, November 2009

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09

WELL #: MW 22A

TIME: 0735

DEPTH OF PUMP: 33.5'

WEATHER CONDITIONS: Sunny, 40-50's

SAMPLERS: M Forkel, R. Hong

Initial Depth to water = 23.73'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0745, 10	4700	23.78	470	0.05	6.04	1519	18.0	7.26	13.75	136.8
0750, 15	7050	23.76	470	0.03	6.67	1519	10.0	7.09	13.83	128.5
0755, 20	9400	23.76	470	0.03	6.79	1515	6.9	6.78	14.21	126.6
0800, 25	11750	23.76	470	0.03	6.84	1518	4.4	6.54	14.36	126.2
0805, 30	14100	23.77	470	0.04	6.87	1523	2.7	6.40	14.30	126.0
0810, 35	16450	23.76	470	0.03	6.87	1527	2.2	6.27	14.42	124.6
0815, 40	18800	23.76	470	0.03	6.88	1529	1.3	6.09	14.65	125.2
0820	Sample Time. A4-MW022A-091111									
Note: MS, MSP, were collected at this well. A4-MW022A-091111										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flow rate = 470 ml/min

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09

WELL #: MW 22B

TIME: 0845

DEPTH OF PUMP: 41'

WEATHER CONDITIONS: Sunny, 40-50's

SAMPLERS: M Forkel, R Hong

Initial Depth to water = 23.13'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0850, 5	2500	23.17	500	0.04	6.86	1114	-rusty color, very cloudy >1000	7.34	13.96	72.6
0855, 10	5000	23.17	500	0.04	6.88	1123	-Same color, cloudy >1000	6.98	14.37	54.2
0900, 15	7500	23.17	500	0.04	6.86	1122	-Same color, very cloudy >1000	6.79	14.30	50.6
0905, 20	10000	23.17	500	0.04	6.88	1122	>1000	6.66	14.53	52.0
0910, 25	12500	23.17	500	0.04	6.89	1123	850	6.01	14.65	53.4
0915, 30	15000	23.17	500	0.04	6.90	1123	400	5.93	14.83	54.9
0920, 35	17500	23.17	500	0.04	6.91	1124	>10	5.78	14.53	57.6
0925, 40	20000	23.17	500	0.04	6.92	1124	100	5.31	14.63	59.9
0930, 45	22500	23.17	500	0.04	6.93	1124	50	5.28	14.81	62.0
0935, 50	25000	23.16	500	0.03	6.94	1125	28	5.22	14.96	64.0
0940, 55	27500	23.16	500	0.03	6.94	1124	26	5.14	15.12	64.6
0945, 60	30000	23.16	500	0.03	6.94	1125	18	5.11	14.89	65.4

0950 Sample Time [A4-MW022B-09111]

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flow rate = 500 ml/min

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/10/09

WELL #: MW 32

TIME: 1440

DEPTH OF PUMP: (RM) 42' 42'

WEATHER CONDITIONS: Sunny, 50's
Depth of water at time 0 = 26.59'

SAMPLERS: M Forkel, R Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	ORP REDOX POTENTIAL mV (+/- 10 mv)
1445, 5	2500	27.74	500 ml/min	1.15	6.46	1234	380	12.53	14.47	132.5
1450, 10	5000	27.75	500 ml/min	1.16	6.63	1227	85	13.09	14.26	117.8
1455, 15	7500	27.75	500 ml/min	1.16	6.65	1228	37	13.43	14.20	117.0
1500, 20	10,000	27.75	500 ml/min	1.16	6.67	1230	32	13.78	14.11	116.0
1505, 25	12,500	27.75	500 ml/min	1.16	6.69	1234	19	14.33	14.13	113.7
1510, 30	15,000	27.75	500 ml/min	1.16	6.70	1235	14	14.43	13.99	111.0
1515, 35	17,500	27.75	500 ml/min	1.16	6.72	1236	8.3	14.85	14.21	111.3
1520, 40	20,000	27.75	500 ml/min	1.16	6.72	1236	5-6	15.68	14.16	110.4
1525, 45	22,500	27.75	500 ml/min	1.16	6.73	1233	3-1	15.87	14.23	110.7
Sample Time 1530				A4-MW032-091110						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave Purging rate = 500 ml/min

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09

WELL #: MW 130A

TIME: 1320

DEPTH OF PUMP: 33'

WEATHER CONDITIONS: Sunny, 60°
Initial Depth to Water = 21.58'

SAMPLERS: M Forkel, R Hong

Initial depth to water = 21.38										
ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1330, 10	5000	22.50	500	1.0	6.40	1127	60	3.80	15.07	27.4
1335, 15	7,050	22.32	410	0.74	6.48	1132	45	4.14	15.65	31.7
1340, 20	9,100	22.29	410	0.71	6.49	1135	25	4.33	15.36	31.9
1345, 25	11,150	22.18	410	0.50	6.52	1132	20	4.35	15.75	33.9
1350, 30	13,200	22.20	410	0.52	6.53	1155	18.6	4.40	15.78	30.9
1355, 35	15,250	22.20	410	0.52	6.53	1134	15.0	4.51	15.93	30.5
1400, 40	17,300	22.02	200	0.44	6.55	1136	14.7	4.66	15.82	31.7
1405, 45	19,350	21.97	200	0.39	6.55	1134	14.8	4.66	16.23	33.1
1410, 50	21,400	21.90	200	0.32 0.35	6.56	1134	13.4	4.61	16.01	34.2
1415	Sample Time 1415 (24)									
	A4-MW130A-091111									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flowrate = ~~300~~ ml/min
200 ~~400~~ (24)

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09

WELL #: MW 130B

TIME: 1205

DEPTH OF PUMP: 50'

WEATHER CONDITIONS: Sunny, 50's

SAMPLERS: M Forkel, R Hong

Initial Depth to water: 21.19'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1210, 5	2,300	21.22	460 460	0.03	7.23	1110	140	11.90	13.20	84.2
1215, 10	4,600	21.22	460	0.03	7.10	1119	95	10.49	13.84	84.2
1220, 15	6,900	21.22	460	0.03	6.98	1138	85	9.98	14.29	89.2
1225, 20	9,200	21.22	460	0.03	6.92	1145	60	8.12	14.31	91.6
1230, 25	11,500	21.22	460	0.03	6.89	1147	45	7.19	14.33	93.3
1235, 30	13,800	21.22	460	0.03	6.89	1148	23	5.50	14.41	95.1
1240, 35	16,100	21.22	460	0.03	6.87	1147	14	7.28	14.34	98.0
1245, 40	18,400	21.22	460	0.03	6.87	1148	9.9	7.08	14.33	99.5
1250, 45	20,700	21.22	460	0.03	6.87	1148	6.8	7.31	14.35	102.1
1255, 50	23,000	21.22	460	0.03	6.88	1147	5.88 5.70	7.50	14.50	102.7
1300	Sample Time	A4 - MW130B - 091111								
Duplicate was		collected at this well: A4 - MW130B - 091111 - D								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flowrate = 460 ml/min

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09

WELL #: MW 401A

TIME: 1445

DEPTH OF PUMP: 33'

WEATHER CONDITIONS:

SAMPLERS: M Forkel, R Hong

Initial Depth to Water = 23.45'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1450, 5	2,500	23.47	500	0.02	6.61	1563	166	4.24	14.30	114.2
1455, 10	5,000	23.47	500	0.02	6.75	1571	76.7	4.20	15.09	102.4
1500, 15	7,500	23.47	500	0.02	6.77	1547	42.7	4.40	15.27	99.6
1505, 20	10,000	23.47	500	0.02	6.79	1526	24.9	4.46	15.69	97.1
1510, 25	12,500	23.47	500	0.02	6.80	1517	17	4.43	15.89	96.0
1515, 30	15,000	23.47	500	0.02	6.80	1511	13.	4.54	16.22	95.6
1520, 35	17,500	23.47	500	0.02	6.81	1518	6.58	4.65	16.16	96.8
1525	Sample Time		A4-MW 401A-091111							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flow rate: 500 ml/min

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09

WELL #: MW401B

TIME: 1030

DEPTH OF PUMP: 61'

WEATHER CONDITIONS: Sunny, 46-50's

SAMPLERS: M Forkel, R Hong

Initial ~~water~~ Depth to Water = 23.61'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1035, 5	2,300	23.58	460	0.03	6.70	1122	75	12.09	13.74	95.6
1040, 10	4,600	23.58	460	0.03	6.84	1125	31	11.94	13.87	91.9
1045, 15	6,900	23.58	460	0.03	6.88	1127	20	12.22	13.99	89.9
1050, 20	9,200	23.58	460	0.03	6.89	1130	13	12.54	14.00	88.9
1055, 25	11,500	23.58	460	0.03	6.89	1122	11	12.54	14.43	88.8
1100, 30	13,800	23.58	460	0.03	6.89	1130	7.8	12.61	14.20	91.2
1105	Sample Time [A4-MW401B-091111]									
1145	Field Blank [A4-FB01-091111]									
	Trip Blank [A4-TB01-091111]									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flow rate = 460 ml/min

Appendix A – Groundwater Sampling Sheets

First Quarter, April 2011

Interval DW: 27-37'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 4/18/11

WELL #: MW 32

TIME: 0900

DEPTH OF PUMP:

WEATHER CONDITIONS: cloudy, 35°F

SAMPLERS: CG

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (ET TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0905	600 ^{cc}	27.3 ^{27.40}	200 ml/min	0.03	7.86	1.304		4.97		100.9
0910	<u>1</u>		200	0.03	7.21	1.301	>1000	4.84	9.98	109.2
0915			350 ^{cc}	0.03	7.03	1.306	924	4.70	10.69	105.3
0920			350	0.03	6.98	1.319	626	4.41	11.44	106.4
0925			150	0.03	7.00	1.308		5.20	10.83	109.9
0930			200	0.03	6.95	1.324	609	4.64	11.58	107.7
0935			200	0.03	6.94	1.326	251	4.39	11.20	109.3
0940			200	0.03	6.93	1.324	164	4.34	11.10	111.5
0945			200	0.03	6.93	1.318	123	4.47	11.18	112.5
0950			200	0.03	6.93	1.314	101	4.61	11.43	112.5

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

Collect sample @ 0952 - 3 VOA's

A4-MW032-110418

Initial-DW: 25-31'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 4/18/11

WELL #: 22 MW022A

TIME: 1325

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE $\frac{ml}{min}$	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1330, 5	2	25-32	250	0.01	7.18	1.050	169'	8-22	11.37	128.8
1335, 10		25-32	250	0.01	7.11	1.039	132	8-24	12.38	127.2
1340, 15		25-32	250	0.01	7.08	1.036	116	8-04	13.58	125.9
1345, 20		25-32	250	0.01	7.07	1.042	77.2	8-67	14.07	125.2
1350, 25		25-32	250	0.01	7.05	1.040	46.1	7.45	14.39	125.4
1355, 30		25-32	250	0.01	7.03	1.035	23.8	7.79	14.72	125.6
1400, 35		25-32	250	0.01	7.04	1.039	19.9	7.87	14.41	125.2
1405, 40		25-32	250	0.01	7.02	1.037	15.8	7.91	14.59	125.2
1410, 45		25-32	250	0.01	7.03	1.038	10.1	7.49	14.57	125.7
1415, 50		25-32	250	0.01	7.02	1.040	9.2	7.39	14.41	125.8
1420		Sample	<div>AL-MW022A-110418</div> <div>AL-MW022A-110418-D</div>							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Interval DW: 24-26

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 4/18/11

WELL #: MW 022B

TIME: 1330

DEPTH OF PUMP:

WEATHER CONDITIONS: cloudy, 40°F

SAMPLERS: CG

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1335			200	-0.04	7.38	1.010	>1000	8.20	11.45	-85.5
1340			200	-0.04	7.20	1.100	725	5.40	11.48	-8.2
1345			200	-0.04	7.12	1.111	103 ^{ca}	5.00	11.95	4.2
1350			356	-0.04	7.12	1.114	793	5.00	14.41	0.9
1355			350	-0.04	7.07	1.155	>1000	5.20	14.37	18.6
1400			350	-0.04	7.07	1.162	773	5.37	14.32	32.9
1410			350	-0.04	7.05	1.170	328	5.01	14.28 ^{ca}	37.6
1415			350	-0.04	7.04	1.172	179	5.26	14.44	36.5
1425			350	-0.04	7.06	1.176	69.5	5.31	14.29	40.4
1430			300	-0.04	7.03	1.173	64.9	5.10	14.24	44.8
1435					7.02	1.169	44.7	5.21	13.55	440.5

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1440

A4-MW022B-110418

Initial DW: 23.18

Page 1 of 2

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 4/18/11WELL #: MW 130ATIME: 1530

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny, sl. cloudy, 56°FSAMPLERS: Cole's Gruber

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1538			400 mL/min	0.8	7.20	1.217		10.37	13.27	16.6
1544			200	0.27	7.10	1.227	44.7	2.96	14.11	27.2
1549			200	0.27	7.03	1.231	120	2.91	13.99	30.1
1554			200	0.27	7.01	1.226	92.9	2.84	14.92	32.2
1559			200	0.27	6.97	1.229	72.3	2.69	15.07	32.7
1604			200	0.27	6.97	1.228	63.3	2.64	15.21	31.6
1609			200	0.27	6.92	1.228	47.4	2.66	15.16	35.4
1614			↓	↓	6.89	1.224	40.3	2.68	15.00	41.1
1624			↓	↓	6.87	1.214	32.7	2.57	15.12	48.5
1634			↓	↓	6.84	1.212	27.4	2.64	14.77	56.7
1639			↓	↓	6.82	1.211	27.5	2.64	14.58	60.5
1644			↓	↓	6.80	1.208	28.1	2.64	14.19	65.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

Sample @ ~~1610-1645~~ ^{CG CG}

A4-MW130A-110418

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4DATE: 4/18/11WELL #: MW 130A

TIME:

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1655					6.84	1.197	32.4	2.72	14.63	65.9
1700					6.81	1.198	25.4	2.88	14.92	76.6
1705					6.79	1.197	23.1	2.58	14.57	72.9
1710					6.83	1.200	21.6	2.66	14.94	73.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

Sample @ 1710 | A4 - MW 130A - 110418

Initial DN = 22.72

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 4/18/11

WELL #: MW 130 B

TIME: 1530

DEPTH OF PUMP:

WEATHER CONDITIONS: 1

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1535.5		22.73	250	0.01	7.31	1.231	188	5.08	12.74	116.7
1540.10		22.73	250	0.01	7.21	1.230	135	5.33	13.13	113.5
1545.15		22.73	250	0.01	7.13	1.243	98.5	5.495	13.47	112.3
1550.20		22.73	250	0.01	7.07	1.250	83.9	5.10	13.49	113.5
1555.25		22.73	250	0.01	7.03	1.256	78.1	5.09	13.55	114.6
1600.30		22.73	250	0.01	7.01	1.260	67.6	5.491	13.72	114.7
1605.35		22.73	250	0.01	7.01	1.260	56.6	5.01	14.28	114.5
1610.40		22.73	250	0.01	7.00	1.264	47.7	4.96	14.07	114.8
1615.45		22.73	250	0.01	7.00	1.266	44.2	4.96	13.97	114.7
1620.50		22.73	250	0.01	6.98	1.265	32.4	4.81	14.09	115.4
1625.55		22.73	250	0.01	6.99	1.267	24.1	4.80	14.04	115.3
1630.60		22.73	250	0.01	6.99	1.267	22.3	4.83	14.16	115.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

1635 Sample

A4-MW130B-110418

Interval 28-25.18'

LOW FLOW GROUNDWATER SAMPLING

20.12

SITE NAME: Southeast Rockford, Area 4

DATE: 4/18/11

WELL #: MW 401A

TIME: 4/18/11 1050

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1055.5		25.20	250	0.02	7.09	1.040	>1000	8.35	12.21	110.0
1100.10		25.20	250	0.02	7.07	1.042	825	8.46	12.05	113.8
1105.15		25.20	250	0.02	7.03	1.029	612	8.02	14.07	108.9
1110.20		25.20	250	0.02	7.03	1.043	375	8.12	13.25	111.4
1115.25		25.20	250	0.02	7.02	1.034	297	8.04	12.45	114.1
1120.30		25.20	250	0.02	7.01	1.021	265	8.12	13.00	112.3
1125.35		25.20	250	0.02	7.01	1.030	188	8.01	14.58	109.9
1130.40		25.20	250	0.02	7.01	1.011	136	8.10	13.86	113.2
1135.45		25.20	250	0.02	7.01	1.012	103	8.08	13.05	114.8
1140.50		25.20	250	0.02	7.01	1.010	79.6	8.15	12.69	116.3
1145.55		25.20	250	0.02	7.00	1.009	73.5	8.18	12.45	117.3
1150.60		25.2	250	0.02	7.00	1.010	71.4	8.01	12.76	115.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1155 Sample A4 - MW 401A - 110418

REV 5/01

Initial DW = 25.12'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 4/18/11

WELL #: MW-401B

TIME: 1050

DEPTH OF PUMP:

WEATHER CONDITIONS: cloudy, 40°F

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1055			180 mL/min	0.08	7.27	1.181	350	5.70	10.30	94.2
1100			200	0.08	7.12	1.195	314	4.89	10.05	97.3
1105			200	0.08	7.04	1.182	118	4.59	11.91	84.7
1110			200	0.08	7.06	1.227		4.62	13.14	80.4
1115			220	0.08	7.01	1.234		4.42	12.13	89.8
1120			200	0.08	6.98	1.232	32.1	4.37	11.98	95.4
1125			200	0.08	6.90	1.232	24.7	4.26	11.83	99.9
1130 ^{CG}			200	0.08	6.89	1.230	18.0	4.25	11.68	99.6
1132					6.88	1.226	15.0	4.17	11.64	101.0
1142					6.96	1.225	14.0	4.24	11.73	101.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Collect MS/MSD 1150

collect sample 1155

~~AK-MW401B-110418~~
 CG
 AK-MW401B-110418

Initial DW: 27.87 (w/ dewatered pump in)
 Initial DW after pump down: 29.48
 (Ground for pump)
 LOW FLOW GROUNDWATER SAMPLING
 SITE NAME: Southeast Rockford, Area

1/2

DATE: 4/19/11

WELL #: MW 114A

TIME: 0815

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0820.15		30.45	150	0.97	7.64	1.059	>1000	5.40	9.40	43.4
0825.10		30.45	150	0.97	7.48	1.060	>1000	4.43	9.15	52.9
0830.15		30.24	125	0.76	7.40	1.054	>1000	4.20	8.84	57.5
0835.20		29.92	125	0.44	7.36	1.055	555	4.10	8.62	60.7
0840.25		29.77	100	0.29	7.33	1.056	460	4.08	8.14	61.2
0845.30		29.77	100	0.29	7.31	1.052	279	3.97	8.13	60.6
0850.35		29.77	100	0.29	7.29	1.050	249	3.94	8.17	60.7
0855.40		29.72	100	0.24	7.28	1.048	200	3.72	8.12	60.7
0900.45		29.72	100	0.24	7.26	1.046	213	3.74	8.00	62.6
0910.55		29.72	100	0.24	7.24	1.035	217	3.68	8.13	63.3
0915.60		29.72	100	0.24	7.23	1.033	187	3.54	8.13	62.2
0920.65		29.72	100	0.24	7.22	1.031	176	3.44	8.13	58.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

2² P2

DATE: 4/19/11

WELL #: MW114A

TIME:

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0925.70			100		7.20	1.026	200	3.47	7.60	57.3
0935.80					7.20	1.027	213	3.45	7.60	57.1
0940					7.20	1.028	237	3.49	7.62	57.1
0945					7.20	1.027	204	3.46	7.58	56.8
0950	Sampled At MW114A-H0419									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Interval PW: 24.28'

Page 1 of 2

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 4/19/11

WELL #: MW16

TIME: 0820

DEPTH OF PUMP:

WEATHER CONDITIONS: cloudy, breezy, 35°F

SAMPLERS: CG

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0825			200	0.0	7.39	1.238	184	4.50	18.27	118.6
0830			200	0.03	7.25	1.245	140	4.54	8.77	120.8
0835			200	0.03	7.21	1.235	104	4.23	8.75	121.0
0840			200	0.03	7.18	1.235	84.4	4.37	8.77	119.8
0845			200	0.03	7.15	1.236	65.6	4.40	8.70	118.6
0850			200	0.03	7.13	1.237	56.4	4.34	8.59	117.3
0855			200	0.03	7.12	1.240	50.3	4.44	8.32	115.9
0900			200	0.03	7.10	1.239		4.42	8.09	116.0
0905			200	0.03	7.10	1.229	38.7	4.62	8.29	112.2
0910					7.10	1.228	31.9	4.63	8.47	102
0915					7.09	1.231		4.61	8.36	109.7
0920					7.09	1.222	32.6	4.87	8.45	108.3

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

A4-MW16-110419 0935

A4-MW16-110419-D ~~0940~~ 0935

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 4/19/11

WELL #: MW16

TIME:

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS: CG

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0925			200	0.03	7.89	1.199	28.2	4.92	9.29	106.9
0930					7.89	1.205	23.8	4.66	9.24	109.5
0935					7.08	1.213	24.3	4.73	9.14	103.6
0935 Sampled A6 <u>A4-MW016-110419</u>										
<u>(RA)</u> <u>A4-MW016-110419-D</u>										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SITE NAME: Southeast Rockford, Area 4

WELL #: MLW-01 Part 1

DEPTH OF PUMP:

SAMPLERS: C Cox

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

SITE NAME: Southeast Rockford, Area 4

DATE:

WELL #:

TIME:

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

[illegible]

REV 5/01

SITE NAME: Southeast Rockford, Area 4

WELL #: 11-53

DEPTH OF PUMP:

SAMPLERS:

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE:

WELL #: Port 4

TIME: 1252

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1311 451					6.96	1.499	173	5.43	9.66	206.8
1336 451 1340					7.04	1.488		5.32	10.33	57.4

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

	Volume Purged	Turbidity	* Sampled	Dg °C
Part 1	6gal	0.82 NTU	1445	7713.2 11.5
Part 2	5gal	0.43 NTU	1450	8010.6 11.5
Part 3	4gal	0.72 NTU	1455	8242.9 11.4
Part 4	2gal	0.19 NTU	1560	8645.5 11.8
Part 5	1.5 gal	0.87 NTU	1515	8738.0 11.7

Start purge @ 1252, though had to turn off pump...

4/19/11 MLW-01 parts 1-5 (Multi level well)

C. Cox Operate all parts simultaneously. TRY w/ YSI
 But too difficult. Also, Helium tank froze just before sampling;
 Back to pumping w/in ~30 min.

Appendix A – Groundwater Sampling Sheets

Second Quarter, July 2011

~~HW~~ DW: 27.51'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 7/19/11

WELL #: MW032

TIME: 0840

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny 90's

SAMPLERS: Long

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0845		27.54	350	0.03	6.40	1.211	241	9.98	16.79	241.3
0850		27.54	350	0.03	6.89	1.236	203	8.95	17.79	208.9
0855		27.54	350	0.03	6.99	1.244	157	5.15	16.8	79.1
0900		27.54	350	0.03	67.06	1.237	68.5	4.33	17.09	69.3
0910		27.54	350	0.03	7.10	1.234	36.8	3.69	17.77	66.8
0920		27.54	350	0.03	7.11	1.235	20.6	3.60	19.44	69.4
0930		27.54	350	0.03	7.12	1.234	19.7	3.49	19.87	71.9
0935		27.54	350	0.03	7.12	1.235	16.8	3.48	19.95	72.8
0940		27.54	350	0.03	7.13	1.235	15.3	3.60	19.91	74.0
0945		27.54	350	0.03	7.13	1.235	14.2	3.62	19.99	74.2
0950	Sample	A4-MW032-110719								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

bTW: 25-31

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 7/19/11WELL #: MW 401BTIME: 1040

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny, ~90°F, humidSAMPLERS: Grabs

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1045	300 300	25.37	300	0.06	7.03	1.197	220	7.08	18.60	185.5
1100		25.35	300	0.04	6.81	1.230	13.6	8.46	18.8	178.6
1105		25.36		0.05	6.94	1.230	41.5	8.80	18.92	178.8
1110					6.99	1.230	28.3	8.84	18.81	174.3
1115	Pump stopped				7.02	1.233		9.13		173.5
1120		25.36		0.05	7.03	1.230	22.3	9.09	18.91	174.4
1125		25.36	300		7.05	1.229	18.7	9.06	18.86	175.1
1130		25.36	200		7.07	1.229	14.3	8.93	19.47	174.8
1135		25.36	300		7.08	1.229	14.2	8.91	19.27	175.4
1140		25.36	300	0.05	7.08	1.229	14.0	8.91	19.28	176.4
1145	Collect	A4-MW401B-110719					MS/MSD			

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

A4-MW401B-110719

07: 25-37 /

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 7/19/11

WELL #: MW 401A

TIME: 1020

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny 90's

SAMPLERS: Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1025		25-38	350	0.01	7.25	1.212	381	4.46	19.61	82.2
1035		25-38	350	0.01	7.18	1.221	299	4.15	24.17	83.6
1045		25-38	350	0.01	7.21	1.224	341	3.52	24.05	80.2
1055		25-38	350	0.01	7.27	1.220	293	4.36	19.37	75.9
1105		25-38	350	0.01	7.23	1.210	258	4.00	20.15	73.5
1115		25-38	350	0.01	7.21	1.223	85.8	4.50	21.09	77.4
1125		25-38	350	0.01	7.25	1.222	35.5	4.60	21.87	77.3
1130		25-38	350	0.01	7.23	1.222	37.0	3.83	22.65	76.4
1135		25-38	350	0.01	7.25	1.224	22.1	4.71	20.46	74.1
1140		25-35	350	0.01	7.25	1.221	20.0	4.77	18.70	73.4
1145	A4 - MW 401A - 110719									
	A4 - MW 401A - 110719-D									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1200

A4 - FB001 - 110719

DW=25.45

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 7/19/11WELL #: MW022ATIME: 1245

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny, 90's

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1250		25.47	350	0.02	6.96	1.138	233	12.44	20.49	153.4
1300		25.47	350	0.02	7.06	1.143	350	12.20	22.36	126.3
1310		25.47	350	0.02	6.96	1.127	283	12.86	21.90	109.0
1320		25.47	350	0.02	7.01	1.153	111 (24)	12.72	24.41	115.4
1330		25.47	350	0.02	7.02	1.124	37.5	12.42	23.79	118.2
1340		25.47	350	0.02	6.97	1.117	29.3	12.52	23.23	120.1
1350		25.47	350	0.02	7.11	1.111	15.7	12.41	23.56	124.3
1400		25.47	350	0.02	7.08	1.110	10.6	12.71	22.30	127.9
1405		25.47	350	0.02	6.92	1.112		12.91	22.14	129.3
1410		25.47	350	0.02	7.04	1.112		12.94	22.03	129.4
1415	Sample Time		A4-MW022A-110719		110719-D					

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

DTW 24.80'

SITE NAME: Southeast Rockford, Area

DATE: 7/19/11

WELL #: NW022B

TIME: 1255

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny '90's

SAMPLERS: Bennett

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1300		24.85	250	0.05	7.36	0.903	21000	3.53	20.22	0.80
1310		24.85	250	0.05	7.28	1.097	251	4.07	20.65	10.0
1320		24.85	250	0.05	7.24	1.136	144	4.11	20.58	16.5
1330		24.85	250	0.05	7.24	1.152	37.5	4.11	19.88	25.0
1340		24.85	250	0.05	7.22	1.169	80.3	4.06	20.38	28.8
1350		24.85	250	0.05	7.24	1.170	73.3	4.05	20.36	27.8
1400		24.85	250	0.05	7.24	1.173	67.1	4.11	20.35	27.3
1410		24.85	250	0.05	7.23	1.169	46.1	4.09	20.19	28.9
1415		24.85	250	0.05	7.26	1.176	54.7	4.22	20.19	28.7
1420		24.85	250	0.05	7.23	1.170	31.3	4.23	20.21	30.2
1425		24.85	250	0.05	7.24	1.169	35.2	4.24	20.25	32.4
1430		24.85	250	0.05	7.24	1.171	31.5	4.21	20.37	33.6

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1430 Collect A4-MW022B-110719

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DTW 23.31'

DATE: 7/19/11

WELL #: ~~MW130A~~ MW130A

TIME: 1700

DEPTH OF PUMP:

WEATHER CONDITIONS: 104 Hot Humid

SAMPLERS: Bennett

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1710		23.52	300	0.21	7.11	1.193	119	1.22	18.53	-22.6
1720		23.52	300	0.21	6.96	1.220	72.3	1.20	18.91	-20.7
1725		23.70	300	0.18	7.12	1.223	50.1	1.51	16.56	4.7
1730		23.53	300	0.27	7.10	1.203	38.6	1.27	16.74	5.0
1735		25.53	300	0.27	7.04	1.219	22.6	1.39	17.41	9.0
1740		25.53	300	0.27	7.11	1.235	14.6	1.37	16.42	11.9
1745		25.53	300	0.27	7.11	1.229	14.9	1.41	15.85	11.7
1750	Collect AL-MW 130A 10719									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DW = 22.86'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 7/19/11

WELL #: MW130B

TIME: 1520

DEPTH OF PUMP: _____

WEATHER CONDITIONS: Sunny 100's

SAMPLERS: _____

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1525		22.87	300	0.01	6.86	1.219	223	9.57	18.38	163.0
1535		22.87	300	0.01	6.91	1.223	124	9.46	18.38	150.0
1545		22.87	300	0.01	7.01	1.226	108	9.15	18.38	141.1
1555		22.87	300	0.01	7.08	1.226	92.3	8.85	18.28	139.1
1605		22.87	200	0.01	7.04	1.226	75.9	8.70	18.28	139.1
1615		22.87	300	0.01	7.04	1.225	81.5	8.54	18.81	141.1
1625		22.87	300	0.01	7.03	1.223	31.4	8.64	18.67	143.4
1630		22.87	300	0.01	7.04	1.222	25.4	8.60	19.23	146.7
1635		22.87	300	0.01	7.03	1.220	22.6	8.68	18.85	149.8
1645		22.87	300	0.01	7.04	1.220	19.9	8.62	19.80	152.4
1650	Sample Time <u>A4-MW130B-110719</u>									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in this thesis.

Appendix A – Groundwater Sampling Sheets

Third Quarter, October 2011

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

P: 7721.9

T: 11.6C

DATE: 10/11/11

WELL #: MLW014

TIME: 0920

DEPTH OF PUMP:

WEATHER CONDITIONS: 65°F, sunny

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0950					7.15	0.953	—	2.29	14.8	57.4
0955	— problems w/ flow - through cell									
1000					6.96	.945	0.81	1.27	13.85	61.0
1005					6.79	.941	0.78	1.04	13.72	59.8
1010					6.78	.940	0.85	1.03	13.64	58.1
1015					6.79	.940	0.89	1.24	13.56	54.4
1020					6.81	.940	0.8	1.17	13.61	50.6
1025	SAMPLE						0.87			

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Double-checked turb. blanks/standards

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

P: 8019.9

T: 11.7C

DATE: 10/11/11

WELL #: MLW013

TIME: 0920

DEPTH OF PUMP:

WEATHER CONDITIONS: 65°F Sunny

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1040	Start								14.31	50.15
1045					6.64	1.056	0.25	3.19	14.31	6.5
1050					6.78	1.035	0.30	3.64	13.89	37.7
1055					6.81	1.028	0.17	3.72	13.66	42.1
1100					6.82	1.027	discontinue	3.78	13.72	42.6
1105					6.82	1.024		3.79	13.59	43.4
1110	SAMPLE									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

P: 8249.3
T: 11.5C

6 6

DATE: 10/11/11

WELL #: MLW81C

TIME: 0920

DEPTH OF PUMP:

WEATHER CONDITIONS: 65°F, Sunny

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1115	Start									
1120					6.77	1.026	0.49	4.11	13.47	34.0
1125					6.81	1.022	0.04	4.19	13.38	40.3
1130					6.83	1.022	discontinue	4.08	13.34	41.6
1135					6.85	1.021		4.06	13.36	40.9
1140	SAMPLE									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

checked turb. blanks again.
+ standards

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

P: 8654.6
T: ~~12.0~~
11.6C

DATE: 10/11/11

WELL #: MLW01D

TIME: 0920

DEPTH OF PUMP:

WEATHER CONDITIONS: 65°F, sunny

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1145	START									
1150					6.78	1.053	0.63	4.66	13.16	41.3
1155					6.80	1.052	0.41	4.57	13.17	42.3
1200	SAMPLE				6.82	1.050	discontinue	4.52	13.06	43.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

P: 8747.6

T: 11.8

DATE: 10/11/11

WELL #: MLW01E

TIME: 0920

DEPTH OF PUMP:

WEATHER CONDITIONS: 65°F, sunny

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1210	START				6.67	1.060	1.16	3.45	15.19	-9.7
1215					↓	↓	↓	↓	↓	↓
1220					missed 7.4	1.038	0.93	1.59	14.80	-22.9
1225					6.56	1.044	0.89	1.00	14.84	-29.4
1230					6.62	1.050	0.75	0.66	14.92	-30.6
1235					6.68	1.044	0.84	0.46	14.68	-30.9
1240					6.75	1.046	0.83	0.31	14.69	-32.3
1245					6.76	1.046	0.83	0.31	14.58	-35.3
1250					6.79	1.051	0.81	0.26	14.86	-40.0
1255					6.80	1.055	0.81	0.28	15.06	-42.8
1300	SAMPLE									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DH
DTW: 27.94'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 10/11/11

WELL #: MW032

TIME: 0915

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny, 60's

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0920		27.95	300	0.01	7.05	1.243	514	4.54	14.70	59.5
0925		27.95	300	0.01	7.05	1.246	310	4.36	15.57	58.8
0935		27.95	300	0.01	7.05	1.248	164	4.27	15.97	59.4
0945		27.95	300	0.01	7.06	1.249	80.6	4.20	16.31	58.2
0955		27.95	300	0.01	7.06	1.250	41.9	4.16	16.71	59.3
1005		27.95	300	0.01	7.07	1.255	24.1	3.98	17.28	55.5
1010		27.95	300	0.01	7.07	1.250	18.6	3.85	17.48	55.4
1015		27.95	300	0.01	7.07	1.256	17.3	3.98	17.55	58.1
1020		27.95	300	0.01	7.07	1.253	13.6	3.88	17.72	59.8
1025		Sampled								

A4-MW032-11/10/11

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DTW = 25.72

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 10/11/11WELL #: MW 401BTIME: 1220

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny 60's

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1225		25.79	350	0.07	7.16	1.215	961	3.86	14.5	62.6
1235		25.79	350	0.07	7.13	1.244	149	4.44	15.17	55.7
1245		25.79	350	0.07	7.13	1.242	34.9	4.36	15.20	58.2
1255		25.79	350	0.07	7.13	1.246	26.1	4.24	15.49	61.8
1300		25.79	350	0.07	7.13	1.247	16.6	4.20	15.64	62.7
1305		25.79	350	0.07	7.13	1.246	13.3	4.20	15.68	64.3
1310		25.79	350	0.07	7.13	1.244	12.2	4.20	15.71	65.3
1315	Sample Time			A4- MW 401B - 111011						
				A4- MW 401B - 111011-D						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DTW = 25.80

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 10/11/11WELL #: MW401ATIME: 1045

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny, 60's

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1050		25.81	350	0.01	7.15	1.228	> 1000	4.91	15.88	73.4
1100		25.81	350	0.01	7.14	1.232	747	4.50	17.55	61.2
1110		25.81	350	0.01	7.15	1.234	391	5.00	18.10	52.1
1120		25.81	350	0.01	7.14	1.240	237	4.88	18.44	58.2
1130		25.81	350	0.01	7.14	1.241	174	4.65	18.66	57.9
1140		25.81	350	0.01	7.14	1.244	78.1	4.42	19.57	57.2
1150		25.81	350	0.01	7.14	1.241	10.2	4.40	18.26	52.3
1155		25.81	350	0.01	7.14	1.239	22.2	4.50	18.40	55.5
1200		25.81	350	0.01	7.14	1.238	13.3	4.47	18.31	54.7
1205		Sample Time [44-MW401A-111011]								

MS / MSD

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

OTW: 23.77

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 10/12/11

WELL #: MW130A

TIME: 0955

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1000		24.01	250	0.24	6.63	1.269	605	1.79	16.18	-14.5
1010		23.94	250	0.17	6.82	1.285	233	1.72	18.13	-30.06
1020		23.94	250	0.17	6.82	1.285	414	1.89	18.43	-24.5
1030		24.01	250	0.24	6.82	1.285	120	1.61	18.98	-19.7
1040		24.01	250	0.24	6.92	1.288	59.3	1.87	18.91	-15.0
1050		24.01	250	0.24	6.95	1.292	41.2	2.35	18.26	-9.0
1055		24.01	250	0.24	6.91	1.282	34.6	2.12	18.86	-5.7
1100		24.01	250	0.24	6.93	1.284	29.0	2.41	18.42	-5.9
1105		24.01	250	0.24	6.91	1.279	21.3	2.38	18.43	-5.7
1110	Sample Time [A4-MW130A-111012]									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DTW: 23.30

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

16

DATE: 10/12/11 WELL #: MW 130B
 TIME: 0820 DEPTH OF PUMP:
 WEATHER CONDITIONS: Sunny, 50's SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0825		23.31	300	0.01	7.22	1.223	22.7	5.01	13.92	88.1
0835		23.31	300	0.01	7.17	1.234	82.3	4.60	15.18	67.3
0845		23.31	300	0.01	7.19	1.233	74.2	4.39	15.31	57.0
0855		23.31	300	0.01	7.20	1.231	76.5	4.45	17.30	58.3
0905		23.31	300	0.01	7.21	1.231	64.0	4.56	15.55	53.6
0915		23.31	300	0.01	7.21	1.229	62.4	4.59	15.43	56.1
0925		23.31	300	0.01	7.18	1.233	47.8	4.53	15.36	55.5
0930		23.31	300	0.01	7.17	1.233	40.9	4.48	15.63	59.0
0935		23.31	300	0.01	7.17	1.235	35.7	4.44	15.55	60.0
0940		23.31	300	0.01	7.17	1.235	25.6	4.28	15.83	60.9
0945	Sample	Time	1A4-MW 130B-11/10/12							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DTW= 25-86

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 10/11/11WELL #: MW022ATIME: 1510

DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny, 60's

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1515		25.87	300	0.01	7.01	1.371	217	5.49	16.21	68.9
1525		25.87	300	0.01	7.02	1.407	164	5.10	17.44	68.2
1535		25.87	300	0.01	7.02	1.426	107	4.67	18.33	69.6
1545		25.87	300	0.01	7.02	1.427	70.6	4.53	18.38	68.9
1555		25.87	300	0.01	7.03	1.419	44.6	4.52	18.41	66.1
1600		25.87	300	0.01	7.03	1.416	40.6	4.52	18.26	66.3
1605		25.87	300	0.01	7.03	1.417	36.9	4.56	18.65	64.8
1610		25.87	300	0.01	7.03	1.417	25.4	4.82	18.65	66.0
1615		25.87	300	0.01	7.02	1.423	25.2	4.44	18.39	66.3
1620		25.87	300	0.01	7.02	1.419	20.2	4.55	18.73	65.4
1625		Sample Time (A4-MW022A-111011)								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DTW = 25-26

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 10/11/11WELL #: MW022BTIME: 1340

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1345		25.29	400	0.04	6.85	0.795	>1000	2.38	15.81	29.2
1355		25.29	400	0.04	7.02	0.217	>1000	4.57	16.38	25.7
1405		25.29	400	0.04	7.06	1.228	828	4.67	15.84	31.0
1415		25.29	400	0.04	7.08	1.231	340	4.71	16.07	32.9
1420		25.29	400	0.04	7.10	1.231	136	4.68	16.28	31.9
1430		25.29	400	0.04	7.10	1.231	73.9	4.64	16.70	31.0
1440		25.29	400	0.04	7.12	1.221	33.7	4.54	16.95	30.5
1445		25.29	400	0.04	7.11	1.188	27.8	4.41	17.11	30.7
1450		25.29	400	0.04	7.11	1.179	29.7	4.48	16.98	33.6
1455		25.29	400	0.04	7.11	1.177	19.9	4.44	16.99	34.4
1500		Sample	Time							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Appendix A – Groundwater Sampling Sheets

Fourth Quarter, January 2012

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 01/10/12

WELL #: MW 22A

TIME: 1505

DEPTH OF PUMP: _____

WEATHER CONDITIONS: 40s, clear, sunny

SAMPLERS: C. Cox, M. Forcel

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1510	~2000	26.02	315 ml/min	0.03	7.30	1.302	1000	6.37	13.19	15.2
1520	~5750	26.03	315 ml/min	0.04	7.09	1.269	75.0	6.18	14.17	15.2
1530	~9500	26.02	315 ml/min	0.03	7.10	1.271	43.0	5.84	14.54	17.0
1540		26.02	315 ml/min	0.03	7.08	1.253	18.3	6.13	14.44	18.5
1550		26.02	315 ml/min	0.03	7.08	1.261	10.1	6.05	14.38	19.5
1555		26.02	315 ml/min	0.03	7.09	1.253	8.21	5.97	14.20	19.6
1600		26.02	315 ml/min	0.03	7.09	1.254	6.71	6.09	14.16	19.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

DTW = 25.41

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 01/01/12WELL #: MW-22BTIME: 1330 Start purge

DEPTH OF PUMP:

WEATHER CONDITIONS: 90s, clear, sunnySAMPLERS: C. Cor, Matt Forkel

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1335	2000	25.41	400ml/min	0.000	7.16	1.119	7 Meter	3.97	13.26	10.6
1340	4000	25.41	400ml/min	0	7.07	1.173	761	4.04	14.08	9.3
1350	8000	25.41	400ml/min	0	7.07	1.189	158	4.65	14.17	10.0
1400	12000	25.41	400ml/min	—	7.09	1.180	57.5	4.80	14.01	11.6
1410	16000	25.41	400ml/min	0	7.10	1.181	51.4	4.78	14.07	13.0
1420	20000	"	"	"	7.10	1.180	22.0	4.78	14.05	13.9
1430	24000	"	"	"	7.11	1.180	15.2	4.75	14.06	14.4
1440	2800	"	"	"	7.11	1.180	12.9	4.67	14.20	15.1
1445	3000	"	"	"	7.11	1.181	9.23	4.73	13.97	15.5
1450	3200	"	"	"	7.11	1.182	8.51	4.82	14.04	15.8
1450	Sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DTW = 28.22

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 01/10/12WELL #: MW 32TIME: 0945

DEPTH OF PUMP:

WEATHER CONDITIONS: 30s, clear, sunnySAMPLERS: C. Gov, M. Forke

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0953	1200	28.24	300 ml/min	0.02	7.42	1.194	189	4.61	12.76	-4.8
0958		28.24	"	0.02	7.28	1.202	107	4.47	13.17	-4.2
1003		28.24	"	0.02	7.20	1.198	57.5	4.25	13.16	-3.3
1008		28.24	"	0.02	7.15	1.198	28.4	4.23	13.37	-1.1
1013	~4 gal	28.23	"	0.01	7.14	1.201	19.8	4.19	13.56	2.5
1018		28.22 a	"	0.00	7.12	1.201	10.9	4.20	13.15	3.4
1023		28.22 a	"	0.00	7.09	1.198	10.8	4.15	13.62	5.0
1028		28.22	"	0.0	7.08	1.198	8.17	4.13	13.49	5.8
1028	Sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 1/16/12 WELL #: MW 401A
 TIME: 1202 DEPTH OF PUMP: _____
 WEATHER CONDITIONS: 40s, clear, sunny SAMPLERS: C. Cox, Matt Forster

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0	✓	25.78								
1205	1000	25.80	375ml/min	0.02	7.09	1.171	427	5.62	12.04	12.8
1210	2875	25.79	375ml/min	0.01	7.10	1.164	336	5.51	12.97	12.4
1215	4800	25.79	375ml/min	0.01	7.12	1.163	184	5.35	13.73	11.8
1220	6675	25.79	375ml/min	0.01	7.12	1.162	98.9	5.27	13.95	11.9
1225	8550	25.79	375ml/min	0.01	7.12	1.164	53.7	5.04	14.01	12.0
1230	10400	25.79	375ml/min	0.01	7.13	1.164	30.6	4.89	13.99	12.3
1235	12300	25.79	375ml/min	0.01	7.12	1.161	29.6	5.11	14.04	12.5
1240	12650	25.79	315ml/min	0.01	7.12	1.161	13.7	4.91	14.08	12.8
1245	14500	25.78	375ml/min	0.00	7.13	1.161	23.1	5.06	13.1409	13.1
1250	16375	25.78	375ml/min	0.00	7.13	1.151	11.0	4.99	13.95	13.3
1255	18250	25.78	375ml/min	0.00	7.13	1.153	6.67	4.92	14.15	13.3

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

1255 Sample

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 01/10/12

WELL #: MW 401 B

TIME: 1110

DEPTH OF PUMP:

WEATHER CONDITIONS: 30% clear, sunny

SAMPLERS: C. Cox, Matt Forke

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1115	2000	25.85	400ml/min	0.05	7.23	1.190	14.9	4.38	12.37	26.7
1120	4000	25.89	400ml/min	0.09	7.17	1.193	43.2	4.36	12.88	25.2
1125	6000	25.85	400ml/min	0.05	7.15	1.194	24.6	4.27	12.50	23.7
1130	8000	25.85	400ml/min	0.05	7.15	1.192	17.6	4.19	12.67	21.9
1135	10,000	25.85	400ml/min	0.05	7.14	1.192	14.0	4.16	12.78	20.6
1140	12,000	25.85	400ml/min	0.05	7.13	1.190	9.32	4.30	12.90	19.5
1145	14,000	25.85	400ml/min	0.05	7.13	1.191	9.19	4.31	12.88	19.1
1150 SAMPLE TIME										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 1/11/12

WELL #: MW 130B

TIME: 0820

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0825	2000	24.51	400ml/min	0.01	7.11	1.173	104	5.58	11.54	109.7
0835	5,000	24.51	300ml/min	0.01	7.12	1.171	49.9	5.31	12.20	100.3
0840	6,500	24.51	300ml/min	0.01	7.14	1.179	22.1	5.09	12.23	91.9
0845	8,000	24.51	300ml/min	0.01	7.13	1.182	17.5	4.88	13.02	87.7
0850	9,500	24.51	300ml/min	0.01	7.14	1.182	12.6	4.96	12.88	84.7
0855	11,000	24.51	300ml/min	0.01	7.14	1.184	10.9	4.99	12.53	81.8
0900	12,500	24.51	300	0.01	7.14	1.176	10.1	4.80	12.77	79.4
0905	14,000	24.51	300	0.01	7.14	1.179	8.70	4.99	12.93	78.6
0910	15,500	24.51	300	0.01	7.14	1.185	7.11	4.88	13.02	74.9
0915	SAMPLE TIME									
			A4-MW130B-120111		+	Fidd Blank	0932			

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DTW = 24.30

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 1/11/12

WELL #: MW130A

TIME: 1000

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1005	1500	24.36	300	0.05	7.01	1.192	439	1.58	12.25	10.3
1010	3000	24.31	300	0.01	6.92	1.197	163	3.24	13.17	3.0
1020	6000	24.31	300	0.01	6.97	1.205	44.8	2.85	14.10	-2.4
1025	7500	24.31	300	0.01	6.99	1.202	33.4	2.69	14.68	-3.3
1035	10,500	24.31	300	0.01	6.95	1.199	22.0	2.63	14.91	-5.5
1040	12000	24.31	300	0.01	6.93	1.198	19.4	2.65	14.90	-4.9
1045	13,500	24.31	300	0.01	6.93	1.197	16.1	2.60	15.06	-3.2
1050	15,000	24.31	300	0.01	6.92	1.194	15.1	2.58	15.00	-1.6
1055	16,500	24.31	300	0.01	6.92	1.189	15.7	2.47	15.06	-1.1
1100 SAMPLE TIME										
A4-MW130A-120111 + Field Blank 1114										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

7737.2 Dg
11.7 °C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 1/11/12 WELL #: MLW 01 Port 1
TIME: 1043 DEPTH OF PUMP:
WEATHER CONDITIONS: 40s clear sunny SAMPLERS: C. Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1048					6.93	1.140	1.79	1.80	11.29	-62.3
1053					7.10	1.144	2.11	1.32	11.34	-53.6
1058					7.12	1.152	1.87	1.32	11.44	-43.9
1103					7.12	1.152	1.89	1.34	11.46	-37.8
1108	~2.5 gal purged				7.13	1.153	1.78	1.37	11.46	-33.7
1108	sample time		A4 - MLW 01A 1201 11							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Flow @ 41 PSI; 13 second drive time, 8.4 second vent time

8035.7 Dg
11.6 °C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 11/1/02 WELL #: MLW-01 Port 2
TIME: 11:00 DEPTH OF PUMP:
WEATHER CONDITIONS: 50s or high 40s, clear, sunny SAMPLERS: Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1118					6.73	1.230	1.01	2.89	11.19	-48.7
1123					6.96	1.210	0.45	3.30	11.45	-45.5
1128					7.05	1.206	0.53	3.54	11.49	-35.1
1133					7.06	1.205	0.58	3.55	11.50	-26.9
1138					7.06	1.205	0.58	3.75	11.47	-18.9
1143					7.06	1.205	0.26	3.78	11.47	-13.9
1148					7.06	1.205	0.31	3.78	11.49	-9.1
1148	Sample		A4-MLW01B	-12011						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

flow rate 50psi, 15 second drive time, 10 second vent

8263.00g
11.5°C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 01/11/12 WELL #: MLW-01 6A3
TIME: 1156 DEPTH OF PUMP:
WEATHER CONDITIONS: 50s, clear, sunny SAMPLERS: Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1157					6.73	1.232	0.63	3.08	11.41	-29.3
1205					7.04	1.209	0.15	3.93	11.62	-19.4
1207					7.05	1.210	0.30	3.90	11.61	-12.2
1212					7.07	1.210	0.29	3.80	11.64	-14.1
1212	sampled time		A4	-MLW01C	-12011					

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

flow rate 40 psi, 10 second drive time, 6.5 second vent time

8669.3Dg
14.4°C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area

DATE: 01/11/12

WELL #: MLW-01

Port 4

TIME: 1220

DEPTH OF PUMP:

WEATHER CONDITIONS: 50s, clear Sunny

SAMPLERS: Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1223					6.83	1.280	1.62	4.96	11.59	-64.7
1228					7.02	1.261	0.25	4.40	11.68	-34.5
1232					7.03	1.262	0.30	4.37	11.74	-20.4
1236					7.04	1.261	0.15	4.28	11.75	-13.8
1240					7.04	1.263	0.31	4.23	11.74	-7.0
1244					7.04	1.263	0.34	4.19	11.74	-4.9
1244	Sample		A4-MLW01D-120111							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

flow rate 30ps., 6 second drive time, 3.5 second vent time

8763.409

12.2°C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, AreaDATE: 11/11/12WELL #: MLW-01

Port 5

TIME: 1250

DEPTH OF PUMP:

WEATHER CONDITIONS: 50s clear, sunnySAMPLERS: Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1254					6.93	1.226	2.75	3.43	11.70	-78.3
1258					6.80	1.213	3.07	0.95	11.90	-94.3
1302					6.76	1.218	1.57	0.67	11.93	-97.2
1306					6.75	1.233	2.54	0.69	11.96	-102.6
1306	sample		A4-	MLW01E	-120111					

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis:

flow @ 30 psi, 2 second drive time, 1 second vent time

Appendix B

Appendix B – Analytical Data

Baseline, November 2009

Analytical Results (Qualified Data)

Page 1 of 10

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Number of Soil Samples : 0

Lab. :

A4

Number of Water Samples : 10

Reviewer :

D. CONNET

Number of Sediment Samples : 0

Date :

3/4/2010

Sample Number :	E3WN2	E3WN3	E3WN4	E3WN4DL	E3WN4MS					
Sampling Location :	A4-FBO1-091111	A4-MW022B-091111	A4-MW022A-091111	A4-MW022A-091111	A4-MW022A-091111					
Matrix :	Water	Water	Water	Water	Water					
Units :	ug/L	ug/L	ug/L	ug/L	ug/L					
Date Sampled :	11/11/2009	11/11/2009	11/11/2009							
Time Sampled :										
%Moisture :	N/A	N/A	N/A	N/A	0					
pH :	2.0	2.0	2.0	2.0	2.0					
Dilution Factor :	1.0	1.0	1.0	25.0	1.0					
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Chloromethane	0.50	U	0.50	U	0.50	U	13	U	0.98	
Vinyl chloride	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Bromomethane	0.50	R	0.50	R	0.50	R	13	R	0.50	U
Chloroethane	0.50	U	0.50	U	0.043	J	13	U	0.50	U
Trichlorofluoromethane	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
1,1-Dichloroethene	0.50	U	0.50	U	3.3	J	13	U	9.4	J
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
Acetone	2.8	J	5.0	U	10	U	130	U	5.0	U
Carbon Disulfide	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Methyl acetate	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
Methylene chloride	0.50	UJ	0.50	UJ	0.50	U	26	U	1.0	U
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	13	U	0.18	J
Methyl tert-butyl ether	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
1,1-Dichloroethane	0.50	U	9.9		4.6		13	U	4.8	
cis-1,2-Dichloroethene	0.50	U	12		2.3	J	13	U	2.0	J
2-Butanone	5.0	U	5.0	U	5.0	U	130	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,1,1-Trichloroethane	0.50	UJ	12	J	110	J	99		100	J
Cyclohexane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Carbon tetrachloride	0.50	UJ	0.50	UJ	0.50	U	13	U	0.44	J
Benzene	0.50	U	0.50	U	0.50	U	13	U	6.2	
1,2-Dichloroethane	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
Trichloroethene	0.50	U	3.7		1.6		13	U	7.3	
Methylcyclohexane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	130	U	5.0	U
Toluene	0.14	J	0.50	U	0.50	U	13	U	6.4	
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U

Analytical Results (Qualified Data)

Page 2 of 10

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	E3WN2		E3WN3		E3WN4		E3WN4DL		E3WN4MS	
Sampling Location :	A4-FBO1-091111		A4-MW022B-091111		A4-MW022A-091111		A4-MW022A-091111		A4-MW022A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	11/11/2009		11/11/2009		11/11/2009					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		0	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		1.0		25.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.49	J	0.29	J	13	U	0.28	J
2-Hexanone	5.0	U	5.0	U	5.0	U	130	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2-Dibromoethane	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	0.50	R	13	R	6.0	
Ethylbenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
o-Xylene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,1,1,2,2-Tetrachloroethane	0.50	UJ	0.50	UJ	0.50	UJ	13	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	UJ	0.50	UJ	0.50	UJ	13	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U

Analytical Results (Qualified Data)

Page 3 of 10

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	E3WN4MSD		E3WN5		E3WN5DL		E3WN6		E3WN6DL	
Sampling Location :	A4-MW022A-091111		A4-MW032-091110		A4-MW032-091110		A4-MW130A-091111		A4-MW130A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			11/10/2009				11/11/2009			
Time Sampled :										
%Moisture :	0		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		5.0		1.0		50.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	2.5	U	6.3		25	U
Chloromethane	0.95		0.50	U	2.5	U	0.50	U	25	U
Vinyl chloride	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Bromomethane	0.50	U	0.50	R	2.5	R	0.50	R	25	R
Chloroethane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Trichlorofluoromethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
1,1-Dichloroethene	9.5	J	5.1	J	2.5	U	7.4	J	25	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
Acetone	5.0	U	5.0	U	25	U	5.0	U	250	U
Carbon Disulfide	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Methyl acetate	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
Methylene chloride	1.0	U	0.50	UJ	2.5	U	1.0	UJ	50	U
trans-1,2-Dichloroethene	0.17	J	0.60	J	0.68	J	0.38	J	25	U
Methyl tert-butyl ether	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
1,1-Dichloroethane	4.7		18		22		26	J	35	
cis-1,2-Dichloroethene	2.1	J	30	J	36		14	J	17	J
2-Butanone	5.0	U	5.0	U	25	U	5.0	U	250	U
Bromochloromethane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Chloroform	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,1,1-Trichloroethane	110	J	20	J	22		270	J	370	
Cyclohexane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Carbon tetrachloride	0.44	J	0.50	UJ	2.5	U	0.50	UJ	25	U
Benzene	6.3		0.50	U	2.5	U	0.50	U	25	U
1,2-Dichloroethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
Trichloroethene	7.3		9.3		10		3.6		25	U
Methylcyclohexane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2-Dichloropropane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Bromodichloromethane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
4-Methyl-2-pentanone	5.0	U	5.0	U	25	U	5.0	U	250	U
Toluene	6.6		0.50	U	2.5	U	0.50	U	25	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,1,2-Trichloroethane	0.50	U	0.50	U	2.5	U	0.51		25	U

Analytical Results (Qualified Data)

Page 4 of 10

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	E3WN4MSD		E3WN5		E3WN5DL		E3WN6		E3WN6DL	
Sampling Location :	A4-MW022A-091111		A4-MW032-091110		A4-MW032-091110		A4-MW130A-091111		A4-MW130A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			11/10/2009				11/11/2009			
Time Sampled :										
%Moisture :	0		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		5.0		1.0		50.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.28	J	0.70		2.5	U	0.88		25	U
2-Hexanone	5.0	U	5.0	U	25	U	5.0	U	250	U
Dibromochloromethane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2-Dibromoethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
Chlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Ethylbenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
o-Xylene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
m,p-Xylene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Styrene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Bromoform	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Isopropylbenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
1,3-Dichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,4-Dichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2-Dichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U

Analytical Results (Qualified Data)

Page 5 of 10

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	E3WN7	E3WN7DL		E3WN8		E3WN8DL		E3WN9		
Sampling Location :	A4-MW130B-091111	A4-MW130B-091111		A4-MW130B-091111-D		A4-MW130B-091111-D		A4-MW401A-091111		
Matrix :	Water	Water		Water		Water		Water		
Units :	ug/L	ug/L		ug/L		ug/L		ug/L		
Date Sampled :	11/11/2009			11/11/2009				11/11/2009		
Time Sampled :										
%Moisture :	N/A	N/A		N/A		N/A		N/A		
pH :	2.0	2.0		2.0		2.0		2.0		
Dilution Factor :	1.0	10.0		1.0		10.0		1.0		
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	9.1		5.0	U	0.50	U	5.0	U	0.50	U
Chloromethane	0.69		5.0	U	0.50	U	5.0	U	1.2	
Vinyl chloride	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Bromomethane	0.50	R	5.0	R	0.50	R	5.0	R	0.50	R
Chloroethane	0.50	U	5.0	U	0.50	U	5.0	U	0.12	J
Trichlorofluoromethane	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
1,1-Dichloroethene	3.8		5.0	U	4.4	J	5.0	U	11	J
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Acetone	5.0	U	50	U	5.0	U	50	U	5.0	U
Carbon Disulfide	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Methyl acetate	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Methylene chloride	0.50	U	10	U	0.50	UJ	10	U	0.50	UJ
trans-1,2-Dichloroethene	0.50	U	0.16	J	0.40	J	5.0	U	0.50	U
Methyl tert-butyl ether	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
1,1-Dichloroethane	16		21		17		17		16	
cis-1,2-Dichloroethene	8.2		11	J	8.7	J	8.4		1.8	J
2-Butanone	5.0	U	50	U	5.0	U	50	U	5.0	U
Bromochloromethane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Chloroform	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,1,1-Trichloroethane	90	J	110		110	J	82		490	J
Cyclohexane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Carbon tetrachloride	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Benzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dichloroethane	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Trichloroethene	3.6		4.3	J	4.1		3.0	J	6.3	
Methylcyclohexane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dichloropropane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Bromodichloromethane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
4-Methyl-2-pentanone	5.0	U	50	U	5.0	U	50	U	5.0	U
Toluene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,1,2-Trichloroethane	0.18	J	5.0	U	0.16	J	5.0	U	0.55	

Analytical Results (Qualified Data)

Page __6__ of __10__

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	E3WN7	E3WN7DL		E3WN8		E3WN8DL		E3WN9		
Sampling Location :	A4-MW130B-091111	A4-MW130B-091111		A4-MW130B-091111-D		A4-MW130B-091111-D		A4-MW401A-091111		
Matrix :	Water	Water		Water		Water		Water		
Units :	ug/L	ug/L		ug/L		ug/L		ug/L		
Date Sampled :	11/11/2009			11/11/2009				11/11/2009		
Time Sampled :										
%Moisture :	N/A	N/A		N/A		N/A		N/A		
pH :	2.0	2.0		2.0		2.0		2.0		
Dilution Factor :	1.0	10.0		1.0		10.0		1.0		
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.57		5.0	U	0.63		5.0	U	0.81	
2-Hexanone	5.0	U	50	U	5.0	U	50	U	5.0	U
Dibromochloromethane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dibromoethane	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Chlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Ethylbenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
o-Xylene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
m,p-Xylene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Styrene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Bromoform	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Isopropylbenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	UJ	5.0	U	0.50	UJ	5.0	U	0.50	UJ
1,3-Dichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,4-Dichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	UJ	5.0	U	0.50	UJ	5.0	U	0.50	UJ
1,2,4-Trichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U

Analytical Results (Qualified Data)

Page 7 of 10

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	E3WN9DL		E3WP0		E3WP0DL		E3WP1		VBLK2J	
Sampling Location :	A4-MW401A-091111		A4-MW401B-091111		A4-MW401B-091111		A4-TB01-091111			
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			11/11/2009				11/11/2009			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		0	
pH :	2.0		2.0		2.0		2.0			
Dilution Factor :	50.0		1.0		5.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	25	U	0.50	U	9.9		0.50	U	0.50	U
Chloromethane	25	U	0.50	U	2.1	J	0.50	U	0.50	U
Vinyl chloride	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Bromomethane	25	R	0.50	R	2.5	U	0.50	R	0.50	U
Chloroethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Trichlorofluoromethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1-Dichloroethene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Acetone	250	U	5.0	U	50	U	5.0	U	5.0	U
Carbon Disulfide	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Methyl acetate	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Methylene chloride	25	U	1.0	U	1.6	J	0.50	U	0.60	
trans-1,2-Dichloroethene	25	U	0.46	J	0.58	J	0.50	U	0.50	U
Methyl tert-butyl ether	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1-Dichloroethane	9.3	J	16		23		0.50	U	0.50	U
cis-1,2-Dichloroethene	25	U	23	J	34		0.50	U	0.50	U
2-Butanone	250	U	5.0	U	25	U	5.0	U	5.0	U
Bromochloromethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Chloroform	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1,1-Trichloroethane	320		15		23		0.50	U	0.50	U
Cyclohexane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Carbon tetrachloride	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Benzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dichloroethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Trichloroethene	25	U	4.8		7.2		0.50	U	0.50	U
Methylcyclohexane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dichloropropane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Bromodichloromethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
4-Methyl-2-pentanone	250	U	5.0	U	25	U	5.0	U	5.0	U
Toluene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
trans-1,3-Dichloropropene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1,2-Trichloroethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Page __8__ of __10__

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	E3WN9DL		E3WP0		E3WP0DL		E3WP1		VBLK2J	
Sampling Location :	A4-MW401A-091111		A4-MW401B-091111		A4-MW401B-091111		A4-TB01-091111			
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			11/11/2009				11/11/2009			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		0	
pH :	2.0		2.0		2.0		2.0			
Dilution Factor :	50.0		1.0		5.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	25	U	0.45	J	0.65	J	0.50	U	0.50	U
2-Hexanone	250	U	5.0	U	25	U	5.0	U	5.0	U
Dibromochloromethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dibromoethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Chlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Ethylbenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
o-Xylene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
m,p-Xylene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Styrene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Bromoform	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Isopropylbenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	25	U	0.50	UJ	2.5	U	0.50	U	0.50	U
1,3-Dichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,4-Dichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	25	U	0.50	UJ	2.5	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Page 9 of 10

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	VBLKFC		VBLKFD		VBLKFN		VHBLK01			
Sampling Location :										
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		N/A			
pH :							7.0			
Dilution Factor :	1.0		1.0		1.0		1.0			
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U		
Bromomethane	0.50	R	0.50	R	0.50	U	0.50	U		
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,1-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Acetone	5.0	U	5.0	U	5.0	U	5.0	U		
Carbon Disulfide	0.50	U	0.50	U	0.50	U	0.50	U		
Methyl acetate	0.50	U	0.50	U	0.50	U	0.50	U		
Methylene chloride	0.11	J	0.13	J	0.50	U	0.50	U		
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U	0.50	U		
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
cis-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U		
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U		
Carbon tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U		
Benzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Trichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U		
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U		
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U		
Toluene	0.50	U	0.50	U	0.50	U	0.50	U		
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		

Analytical Results (Qualified Data)

Page __10__ of __10__

Case #: 39227

SDG : E3WN2

Site :

SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. :

A4

Reviewer :

D. CONNET

Date :

3/4/2010

Sample Number :	VBLKFC		VBLKFD		VBLKFN		VHBLK01			
Sampling Location :										
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		N/A			
pH :							7.0			
Dilution Factor :	1.0		1.0		1.0		1.0			
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U		
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U		
o-Xylene	0.50	U	0.50	U	0.50	U	0.50	U		
m,p-Xylene	0.50	U	0.50	U	0.50	U	0.50	U		
Styrene	0.50	U	0.50	U	0.50	U	0.50	U		
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U		
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		

Appendix B – Analytical Data

First Quarter, April 2011

ESAT5.316.00016

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

actH
6-2-11

DATE:

SUBJECT: Review of Data
Received for Review on: May 18, 2011

FROM: Timothy Prendiville, Supervisor (SR-6J)
Superfund Contract Management Section

TO: Data User: CDM
Email Address: GrabsJC@cdm.com

We have reviewed the data for the following case:

SITE Name: Southeast Rockford Groundwater Contamination Site (IL)

Case Number: 41255

SDG Number: E52H2

Number and Type of Samples: 20 Waters (Low/Medium Volatiles)

Sample Numbers: E52H2 - E52H9, E52J0 - E52J9, E52K0, E52K1

Laboratory: Shealy Environmental

Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SA-5J

Case Number: 41255
Site Name: SE Rockford Groundwater (IL)

Page 2 of 11
SDG Number: E52H2
Laboratory: Shealy Environmental

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Twenty (20) preserved water samples labeled E52H2 through E52H9, E52J0 through E52J9, E52K0 and E52K1 were shipped to Shealy Environmental Services, Incorporated located in West Columbia, SC. The samples were collected April 18–19, 2011 and received on April 20, 2011 intact with a cooler temperature of 1.8 °C. All samples were analyzed as low level volatile samples according to CLP SOW SOM01.2 (10/2006) and reviewed according to the NFG for SOM01.2 and the SOP for ESAT 5/TechLaw Validation of Contract Laboratory Program Organic Data (Version 2.5.2).

Sample E52H2 was designated by the samplers to be used for the laboratory QC, i.e. MS/MSD analyses.

Samples E52H7 and E52H8 were identified as field blanks. Sample E52H4 is identified as a duplicate of sample E52H3. Sample E52J5 is identified as a duplicate of sample E52J4. Sample E52J7 is identified as a duplicate of sample E52J6.

1. HOLDING TIME

No problems were found.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No problems were found.

3. CALIBRATION

The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria (<0.005). Detected compounds are qualified "J". Non-detected compounds are qualified "R".

1,4-Dioxane

E52H2, E52H2MS, E52H2MSD, E52H3, E52H4, E52H5, E52H6, E52H7, E52H8, E52H9, E52J0, E52J1, E52J2, E52J3, E52J4, E52J4RE, E52J5, E52J5RE, E52J6, E52J7, E52J8, E52J9, E52K0, E52K1, VBLKKQ, VBLKKV, VBLKLA, VBLKLB, VBLKMZ, VHBLK01

The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria (<0.005). Detected and non-detected compounds are not qualified.

1,4-Dioxane-d8

E52H2, E52H2MS, E52H2MSD, E52H3, E52H4, E52H5, E52H6, E52H7, E52H8, E52H9, E52J0, E52J1, E52J2, E52J3, E52J4, E52J4RE, E52J5, E52J5RE, E52J6, E52J7, E52J8, E52J9, E52K0, E52K1, VBLKKQ, VBLKKV, VBLKLA, VBLKLB, VBLKMZ, VHBLK01

The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria (<0.05). The compound was not detected in these samples. Non-detected compounds are not qualified for non-compliance with this criterion.

Bromomethane

E52H3, E52H4, E52H5, E52H7, E52H8, E52H9, E52J0, E52J1, E52J2, E52J4, E52J4RE, E52J5, E52J5RE, E52J6, VBLKKQ, VBLKKV

The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria (<0.005). Detected compounds are qualified "J". Non-detected compounds are qualified "R".

Case Number: 41255

SDG Number: E52H2

Site Name: SE Rockford Groundwater (IL)

Laboratory: Shealy Environmental

1,4-Dioxane

E52H2, E52H2MS, E52H2MSD, E52H3, E52H4, E52H5, E52H6, E52H7, E52H8, E52H9, E52J0, E52J1, E52J2, E52J3, E52J4, E52J4RE, E52J5, E52J5RE, E52J6, E52J7, E52J8, E52J9, E52K0, E52K1, VBLKKQ, VBLKKV, VBLKLA, VBLKLB, VBLKMZ, VHBLK01

The following volatile samples are associated with a CCV in which a DMC did not meet relative response factor (RRF) criteria (<0.005). Detected and non-detected compounds are not qualified.

1,4-Dioxane-d8

E52H2, E52H2MS, E52H2MSD, E52H3, E52H4, E52H5, E52H6, E52H7, E52H8, E52H9, E52J0, E52J1, E52J2, E52J3, E52J4, E52J4RE, E52J5, E52J5RE, E52J6, E52J7, E52J8, E52J9, E52K0, E52K1, VBLKKQ, VBLKKV, VBLKLA, VBLKLB, VBLKMZ, VHBLK01

The following volatile samples are associated with an opening CCV percent difference (%D) outside criteria ($>20\%$). These compounds were not detected in the samples. Non-detected compounds are qualified "UJ".

Bromomethane, Bromoform

E52H2MS, E52H2MSD, VBLKLB

4. BLANKS

The following volatiles samples have analyte concentrations reported greater than or equal to the CRQL and less than 5x the CRQL. The associated method blank is less than the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to 5x the CRQL.

1,1-Dichloroethene

E52H4

The following volatiles samples have analyte concentrations reported less than the CRQL. The associated method blank is less than the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL. Non-detected 1,4-Dioxane is qualified "R" because all calibration criteria were not met.

1,4-Dioxane

E52H2MS

Chloroform

E52H2, E52H2MS, E52H2MSD, E52H6, E52J3, E52J9, E52K1

Reviewed by: Allison Harvey / Techlaw-ESAT

Date: June 2, 2011

Case Number: 41255
Site Name: SE Rockford Groundwater (IL)

Page 5 of 11
SDG Number: E52H2
Laboratory: Shealy Environmental

The following volatiles samples have analyte concentrations reported greater than or equal to the CRQL. The associated method blank concentration is less than the concentration criteria. Detected and non-detected compounds are not qualified.

1,1-Dichloroethene
E52H2MS, E52H2MSD, E52J4RE, E52J5RE

The following volatiles samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated field blank is less than the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to 2x the CRQL.

Acetone
E52H5, E52J4, E52J4RE, E52J5, E52J5RE, E52J6, E52J7, E52J8, E52J9, E52K0, E52K1

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

The following volatile samples have one or more DMC/SMC recovery values less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. The compounds were not detected in the samples. Non-detected compounds are qualified "UJ".

E52H2, E52H2MS, E52H2MSD
1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified "J". Non-detected compounds are not qualified for this criterion.

E52H2MS, E52H2MSD, E52J4RE
1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene

E52H3, E52H4, E52H8, E52J1, E52J2, E52J6
Vinyl chloride

E52H6
Benzene, Trichloroethene, cis-1,3-Dichloropropene, Toluene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Tetrachloroethene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Isopropylbenzene

E52H7
Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, Methyl acetate, Methylene chloride, Methyl-tert-butyl ether, 1,1-Dichloroethane, Bromochloromethane, Chloroform, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dichloroethane, Dibromochloromethane, 1,2-Dibromoethane, Bromoform

Case Number: 41255

SDG Number: E52H2

Site Name: SE Rockford Groundwater (IL)

Laboratory: Shealy Environmental

E52J4, E52J5

Dichlorodifluoromethane, Chloromethane, Vinyl chloride, Bromomethane, Chloroethane, Trichlorofluoromethane, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon disulfide, Methyl acetate, Methylene chloride, trans-1,2-Dichloroethene, Methyl-tert-butyl ether, 1,1-Dichloroethane, cis-1,2-Dichloroethene, Bromochloromethane, Chloroform, 1,1,1-Trichloroethane, Carbon tetrachloride, Benzene, 1,2-Dichloroethane, Trichloroethene, Toluene, Tetrachloroethene, Dibromochloromethane, 1,2-Dibromoethane, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Bromoform, Isopropylbenzene

E52J5RE

Vinyl chloride, 1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene

6A. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample E52H2 was designated by the samplers to be used for the laboratory QC, i.e. MS/MSD analyses.

The following volatile matrix spike/matrix spike duplicate samples have percent recovery greater than the upper acceptance criteria. The compound was detected in the unspiked sample and is qualified "J" in sample E52H2.

E5H2MS

Trichloroethene

6B. LABORATORY CONTROL SAMPLE

Not applicable to these analyses.

7. FIELD BLANK AND FIELD DUPLICATE

Samples E52H7 and E52H8 were identified as field blanks. All detections are summarized in the following table:

	E52H7	E52H8
Collection date	4/18/2011	4/19/2011
Compound	µg/L	µg/L
Acetone	5.8	5.9

Sample E52H4 is identified as a duplicate of sample E52H3. Sample E52J5 is identified as a duplicate of sample E52J4. Sample E52J7 is identified as a duplicate of sample E52J6. All detections are summarized in the following table:

Case Number: 41255

SDG Number: E52H2

Site Name: SE Rockford Groundwater (IL)

Laboratory: Shealy Environmental

	E52H3	E52H4	%RPD
Compounds	µg/L	µg/L	
Dichlorodifluoromethane	2.5	0	200
1,1-Dichloroethane	15	15	0
Cis-1,2-Dichloroethene	6	6	0
1,1,1-Trichloroethane	67	69	2.9
1,4-Dioxane	21	17	21
Trichloroethene	1.8	1.7	5.7

	E52J4	E52J5	%RPD	E52J4RE	E52J5RE	%RPD
Compounds	µg/L	µg/L		µg/L	µg/L	
Trichlorofluoromethane	0.66	0.73	10	0.63	0.79	22
1,1-Dichloroethene	0	30	200	30	30	0
Trans-1,2-Dichloroethene	3	3	0	2.9	2.9	0
1,1-Dichloroethane	81	80	1.2	85	83	2.4
Cis-1,2-Dichloroethene	42	41	2.4	44	42	4.6
Chloroform	1.6	1.6	0	1.7	1.6	6.1
1,1,1-Trichloroethane	190	180	5.4	220	210	4.6
1,4-Dioxane	42	43	2.4	0	30	200
Trichloroethene	49	49	0	52	51	1.9
Tetrachloroethene	8.9	9.1	2.2	8.8	9.3	5.5

	E52J6	E52J7	%RPD
Compounds	µg/L	µg/L	
1,1-Dichloroethene	2.0	1.3	42.4
1,1-Dichloroethane	1	0.95	5.1
Cis-1,2-Dichloroethene	0.7	0.8	13
1,1,1-Trichloroethane	33	26	24
Trichloroethene	0.83	0.82	1.2
Tetrachloroethene	0	0.62	200

8. INTERNAL STANDARDS

No problems were found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all volatile compounds were properly identified.

Reviewed by: Allison Harvey / Techlaw-ESAT
Date: June 2, 2011

Case Number: 41255

SDG Number: E52H2

Site Name: SE Rockford Groundwater (IL)

Laboratory: Shealy Environmental

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following volatile samples have analyte concentrations below the quantitation limit (CRQL).
Detected compounds are qualified "J".

E52H2, E52J8

1,1-Dichloroethene, cis-1,2-Dichloroethene, Trichloroethene, Tetrachloroethene

E52H2MS

Dichlorodifluoromethane, cis-1,2-Dichloroethene, Tetrachloroethene, m,p-Xylene

E52H2MSD

Dichlorodifluoromethane, Methylene chloride, cis-1,2-Dichloroethene,
Tetrachloroethene

E52H3

Dichlorodifluoromethane, 1,4-Dioxane, Trichloroethene

E52H4

1,4-Dioxane, Trichloroethene

E52H5, E52J0, E52J1, E52J2

Cis-1,2-Dichloroethene, Trichloroethene

E52H6, VBLKKV

1,1-Dichloroethene

E52H7, E52H8

Acetone

E52H9

Dichlorodifluoromethane, cis-1,2-Dichloroethene, Trichloroethene

E52J3

1,1-Dichloroethene, cis-1,2-Dichloroethene, 2-Butanone, Tetrachloroethene,
Ethylbenzene, o-Xylene, Isopropylbenzene

E52J4, E52J5, E52J5RE

Trichlorofluoromethane, trans-1,2-Dichloroethene, Chloroform, 1,4-Dioxane

E52J4RE

Trichlorofluoromethane, trans-1,2-Dichloroethene, Chloroform

E52J6

1,1-Dichloroethane, cis-1,2-Dichloroethene, Trichloroethene

Reviewed by: Allison Harvey / Techlaw-ESAT

Date: June 2, 2011

Case Number: 41255
Site Name: SE Rockford Groundwater (IL)

SDG Number: E52H2
Laboratory: Shealy Environmental

E52J7

1,1-Dichloroethene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, Trichloroethene, Tetrachloroethene

E52J9

1,1-Dichloroethene, trans-1,2-Dichloroethene, Tetrachloroethene

E52K0

Trichlorofluoromethane, 1,1-Dichloroethane, cis-1,2-Dichloroethene, 1,4-Dioxane

E52K1

1,1-Dichloroethene, cis-1,2-Dichloroethene, Trichloroethene

VBLKLA

1,1,2-Trichloro-1,2,2-trifluoroethane, Chloroform

VBLKLB

1,1-Dichloroethene, Chloroform, 1,4-Dioxane

A library search indicates a match above 85% for a TIC compound in the volatile sample. Detected compounds are qualified "NJ".

CAS No. 95-93-2 Benzene, 1,2,4,5-tetramethyl;
CAS No. 108-67-8 Benzene, 1,3,5-trimethyl-;
CAS No. 275-51-4 Azulene;
CAS No. 526-73-8 Benzene, 1,2,3-trimethyl- (RT @ 11.370);
CAS No. 526-73-8 Benzene, 1,2,3-trimethyl- (RT @ 11.690);
CAS No. 611-14-3 Benzene, 1-ethyl-2-imethyl-;
CAS No. 620-14-4 Benzene, 1-ethyl-3-methyl-
E52J3

A library search indicates a match below 85% for a TIC compound in the volatile sample. Detected compounds are qualified "J".

Unknown @ RT 1.720; Unknown @ RT 1.750
VBLKLB

Unknown @ RT 10.900; Unknown @ RT 11.850; Unknown @ RT 13.430
E52J3

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

Reviewed by: Allison Harvey / Techlaw-ESAT
Date: June 2, 2011

Case Number: 41255

SDG Number: E52H2

Site Name: SE Rockford Groundwater (IL)

Laboratory: Shealy Environmental

12. ADDITIONAL INFORMATION

The following volatile samples have compound concentrations which exceed the instruments calibration range. The detected results are qualified "J". Samples E52J4 and E52J5 were reanalyzed because they each had 3 or more DMC recoveries outside criteria. The reanalyses left no sample volume for performing any dilutions.

E52J4RE, E52J5RE
1,1,1-Trichloroethane

CADRE Data Qualifier Sheet

<u>Qualifiers</u>	<u>Data Qualifier Definitions</u>
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Sample Summary Report

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52H2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW001-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	13:35:00
% Moisture:				% Solids:			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	20	ug/L	4.0	U	U	Yes	
Chloromethane	20	ug/L	4.0	U	U	Yes	
Vinyl chloride	20	ug/L	4.0	U	U	Yes	
Bromomethane	20	ug/L	4.0	U	U	Yes	
Chloroethane	20	ug/L	4.0	U	U	Yes	
Trichlorofluorom ethane	20	ug/L	4.0	U	U	Yes	
1,1-Dichloroethene	11	ug/L	4.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	20	ug/L	4.0	U	U	Yes	
Acetone	40	ug/L	4.0	U	U	Yes	
Carbon Disulfide	20	ug/L	4.0	U	U	Yes	
Methyl acetate	20	ug/L	4.0	U	U	Yes	
Methylene chloride	20	ug/L	4.0	U	U	Yes	
trans-1,2-Dichloroethene	20	ug/L	4.0	U	U	Yes	
Methyl tert-butyl ether	20	ug/L	4.0	U	U	Yes	
1,1-Dichloroethane	24	ug/L	4.0			Yes	
cis-1,2-Dichloroethene	9.4	ug/L	4.0	J	J	Yes	
2-Butanone	40	ug/L	4.0	U	U	Yes	
Bromochloromet hane	20	ug/L	4.0	U	U	Yes	
Chloroform	20	ug/L	4.0	JB	U	Yes	
1,1,1-Trichloroethane	240	ug/L	4.0			Yes	
Cyclohexane	20	ug/L	4.0	U	U	Yes	
Carbon tetrachloride	20	ug/L	4.0	U	U	Yes	
Benzene	20	ug/L	4.0	U	U	Yes	
1,2-Dichloroethane	20	ug/L	4.0	U	U	Yes	
1,4-Dioxane	400	ug/L	4.0	U	R	Yes	
Trichloroethene	8.6	ug/L	4.0	J	J	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Methylcyclohexane	20	ug/L	4.0	U	U	Yes	
1,2-Dichloropropane	20	ug/L	4.0	U	U	Yes	
Bromodichloromethane	20	ug/L	4.0	U	U	Yes	
cis-1,3-Dichloropropene	20	ug/L	4.0	U	U	Yes	
4-Methyl-2-pentanone	40	ug/L	4.0	U	U	Yes	
Toluene	20	ug/L	4.0	U	U	Yes	
trans-1,3-Dichloropropene	20	ug/L	4.0	U	U	Yes	
1,1,2-Trichloroethane	20	ug/L	4.0	U	U	Yes	
Tetrachloroethene	3.5	ug/L	4.0	J	J	Yes	
2-Hexanone	40	ug/L	4.0	U	U	Yes	
Dibromochloromethane	20	ug/L	4.0	U	U	Yes	
1,2-Dibromoethane	20	ug/L	4.0	U	U	Yes	
Chlorobenzene	20	ug/L	4.0	U	U	Yes	
Ethylbenzene	20	ug/L	4.0	U	U	Yes	
o-Xylene	20	ug/L	4.0	U	U	Yes	
m,p-Xylene	20	ug/L	4.0	U	U	Yes	
Styrene	20	ug/L	4.0	U	U	Yes	
Bromoform	20	ug/L	4.0	U	U	Yes	
Isopropylbenzene	20	ug/L	4.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	20	ug/L	4.0	U	UJ	Yes	
1,3-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,4-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	20	ug/L	4.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2,3-Trichlorobenzene	20	ug/L	4.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52H2MS	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	2	Sample Date:	04/19/2011	Sample Time:	13:35:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1-Dichloroethene	250	ug/L	4.0	B	J	Yes	
Dichlorodifluoromethane	5.2	ug/L	4.0	J	J	Yes	
Benzene	230	ug/L	4.0			Yes	
Chloromethane	20	ug/L	4.0	U	U	Yes	
Trichloroethene	250	ug/L	4.0			Yes	
Vinyl chloride	20	ug/L	4.0	U	U	Yes	
Toluene	230	ug/L	4.0			Yes	
Bromomethane	20	ug/L	4.0	U	UJ	Yes	
Chlorobenzene	210	ug/L	4.0			Yes	
Chloroethane	20	ug/L	4.0	U	U	Yes	
Trichlorofluoromethane	20	ug/L	4.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	20	ug/L	4.0	U	U	Yes	
Acetone	40	ug/L	4.0	U	U	Yes	
Carbon Disulfide	20	ug/L	4.0	U	U	Yes	
Methyl acetate	20	ug/L	4.0	U	U	Yes	
Methylene chloride	20	ug/L	4.0	U	U	Yes	
trans-1,2-Dichloroethene	20	ug/L	4.0	U	U	Yes	
Methyl tert-butyl ether	20	ug/L	4.0	U	U	Yes	
1,1-Dichloroethane	21	ug/L	4.0			Yes	
cis-1,2-Dichloroethene	8.7	ug/L	4.0	J	J	Yes	
2-Butanone	40	ug/L	4.0	U	U	Yes	
Bromochloromethane	20	ug/L	4.0	U	U	Yes	
Chloroform	20	ug/L	4.0	JB	U	Yes	
1,1,1-Trichloroethane	270	ug/L	4.0			Yes	
Cyclohexane	20	ug/L	4.0	U	U	Yes	
Carbon tetrachloride	20	ug/L	4.0	U	U	Yes	
1,2-Dichloroethane	20	ug/L	4.0	U	U	Yes	
1,4-Dioxane	400	ug/L	4.0	JB	R	Yes	
Methylcyclohexane	20	ug/L	4.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	20	ug/L	4.0	U	U	Yes	
Bromodichloromethane	20	ug/L	4.0	U	U	Yes	
cis-1,3-Dichloropropene	20	ug/L	4.0	U	U	Yes	
4-Methyl-2-pentanone	40	ug/L	4.0	U	U	Yes	
trans-1,3-Dichloropropene	20	ug/L	4.0	U	U	Yes	
1,1,2-Trichloroethane	20	ug/L	4.0	U	U	Yes	
Tetrachloroethene	3.7	ug/L	4.0	J	J	Yes	
2-Hexanone	40	ug/L	4.0	U	U	Yes	
Dibromochloromethane	20	ug/L	4.0	U	U	Yes	
1,2-Dibromoethane	20	ug/L	4.0	U	U	Yes	
Ethylbenzene	20	ug/L	4.0	U	U	Yes	
o-Xylene	20	ug/L	4.0	U	U	Yes	
m,p-Xylene	2.1	ug/L	4.0	J	J	Yes	
Styrene	20	ug/L	4.0	U	U	Yes	
Bromoform	20	ug/L	4.0	U	UJ	Yes	
Isopropylbenzene	20	ug/L	4.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	20	ug/L	4.0	U	UJ	Yes	
1,3-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,4-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	20	ug/L	4.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2,3-Trichlorobenzene	20	ug/L	4.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	B52H2	Lab Code:	SHEALY
Sample Number:	B52H2MSD	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	2	Sample Date:	04/19/2011	Sample Time:	13:35:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1-Dichloroethene	230	ug/L	4.0	B	J	Yes	
Dichlorodifluoromethane	4.6	ug/L	4.0	J	J	Yes	
Chloromethane	20	ug/L	4.0	U	U	Yes	
Benzene	220	ug/L	4.0			Yes	
Trichloroethene	240	ug/L	4.0			Yes	
Vinyl chloride	20	ug/L	4.0	U	U	Yes	
Bromomethane	20	ug/L	4.0	U	UJ	Yes	
Toluene	220	ug/L	4.0			Yes	
Chloroethane	20	ug/L	4.0	U	U	Yes	
Chlorobenzene	200	ug/L	4.0			Yes	
Trichlorofluoromethane	20	ug/L	4.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	20	ug/L	4.0	U	U	Yes	
Acetone	40	ug/L	4.0	U	U	Yes	
Carbon Disulfide	20	ug/L	4.0	U	U	Yes	
Methyl acetate	20	ug/L	4.0	U	U	Yes	
Methylene chloride	3.6	ug/L	4.0	J	J	Yes	
trans-1,2-Dichloroethene	20	ug/L	4.0	U	U	Yes	
Methyl tert-butyl ether	20	ug/L	4.0	U	U	Yes	
1,1-Dichloroethane	20	ug/L	4.0			Yes	
cis-1,2-Dichloroethene	8.3	ug/L	4.0	J	J	Yes	
2-Butanone	40	ug/L	4.0	U	U	Yes	
Bromochloromethane	20	ug/L	4.0	U	U	Yes	
Chloroform	20	ug/L	4.0	JB	U	Yes	
1,1,1-Trichloroethane	260	ug/L	4.0			Yes	
Cyclohexane	20	ug/L	4.0	U	U	Yes	
Carbon tetrachloride	20	ug/L	4.0	U	U	Yes	
1,2-Dichloroethane	20	ug/L	4.0	U	U	Yes	
1,4-Dioxane	400	ug/L	4.0	U	R	Yes	
Methylcyclohexane	20	ug/L	4.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	20	ug/L	4.0	U	U	Yes	
Bromodichloromethane	20	ug/L	4.0	U	U	Yes	
cis-1,3-Dichloropropene	20	ug/L	4.0	U	U	Yes	
4-Methyl-2-pentanone	40	ug/L	4.0	U	U	Yes	
trans-1,3-Dichloropropene	20	ug/L	4.0	U	U	Yes	
1,1,2-Trichloroethane	20	ug/L	4.0	U	U	Yes	
Tetrachloroethene	3.9	ug/L	4.0	J	J	Yes	
2-Hexanone	40	ug/L	4.0	U	U	Yes	
Dibromochloromethane	20	ug/L	4.0	U	U	Yes	
1,1,2-Dibromoethane	20	ug/L	4.0	U	U	Yes	
Ethylbenzene	20	ug/L	4.0	U	U	Yes	
o-Xylene	20	ug/L	4.0	U	U	Yes	
m,p-Xylene	20	ug/L	4.0	U	U	Yes	
Styrene	20	ug/L	4.0	U	U	Yes	
Bromoform	20	ug/L	4.0	U	UJ	Yes	
Isopropylbenzene	20	ug/L	4.0	U	U	Yes	
1,1,1,2-Tetrachloroethane	20	ug/L	4.0	U	UJ	Yes	
1,3-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,4-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	20	ug/L	4.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2,3-Trichlorobenzene	20	ug/L	4.0	U	U	Yes	

Case No:	41255	Contract:	BPW05031	SDG No:	B52H2	Lab Code:	SHEALY
Sample Number:	B52H3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW005-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	16:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	2.5	ug/L	1.0	J	J	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	15	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	6.0	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	67	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	21	ug/L	1.0	J	J	Yes	
Trichloroethene	1.8	ug/L	1.0	J	J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52H4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW005-110419-D	pH:	2	Sample Date:	04/19/2011	Sample Time:	16:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	25	ug/L	1.0	B	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	15	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	6.0	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	69	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	17	ug/L	1.0	J	J	Yes	
Trichloroethene	1.7	ug/L	1.0	J	J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	BPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52H5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-BW002-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	12:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	7.1	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	4.2	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	39	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.8	ug/L	1.0	J	J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52H6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW003-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	12:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	500	ug/L	100.0	U	U	Yes	
Chloromethane	500	ug/L	100.0	U	U	Yes	
Vinyl chloride	500	ug/L	100.0	U	U	Yes	
Bromomethane	500	ug/L	100.0	U	U	Yes	
Chloroethane	500	ug/L	100.0	U	U	Yes	
Trichlorofluoromethane	500	ug/L	100.0	U	U	Yes	
1,1-Dichloroethene	81	ug/L	100.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	ug/L	100.0	U	U	Yes	
Acetone	1000	ug/L	100.0	U	U	Yes	
Carbon Disulfide	500	ug/L	100.0	U	U	Yes	
Methyl acetate	500	ug/L	100.0	U	U	Yes	
Methylene chloride	500	ug/L	100.0	U	U	Yes	
trans-1,2-Dichloroethene	500	ug/L	100.0	U	U	Yes	
Methyl tert-butyl ether	500	ug/L	100.0	U	U	Yes	
1,1-Dichloroethane	500	ug/L	100.0	U	U	Yes	
cis-1,2-Dichloroethene	500	ug/L	100.0	U	U	Yes	
2-Butanone	1000	ug/L	100.0	U	U	Yes	
Bromochloromethane	500	ug/L	100.0	U	U	Yes	
Chloroform	500	ug/L	100.0	JB	U	Yes	
1,1,1-Trichloroethane	2900	ug/L	100.0			Yes	
Cyclohexane	500	ug/L	100.0	U	U	Yes	
Carbon tetrachloride	500	ug/L	100.0	U	U	Yes	
Benzene	500	ug/L	100.0	U	U	Yes	
1,2-Dichloroethane	500	ug/L	100.0	U	U	Yes	
1,4-Dioxane	10000	ug/L	100.0	U	R	Yes	
Trichloroethene	500	ug/L	100.0	U	U	Yes	
Methylcyclohexane	500	ug/L	100.0	U	U	Yes	
1,2-Dichloropropane	500	ug/L	100.0	U	U	Yes	
Bromodichloromethane	500	ug/L	100.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	500	ug/L	100.0	U	U	Yes	
cis-1,3-Dichloropropene	500	ug/L	100.0	U	U	Yes	
4-Methyl-2-pentanone	1000	ug/L	100.0	U	U	Yes	
Toluene	500	ug/L	100.0	U	U	Yes	
trans-1,3-Dichloropropene	500	ug/L	100.0	U	U	Yes	
1,1,2-Trichloroethane	500	ug/L	100.0	U	U	Yes	
Tetrachloroethene	500	ug/L	100.0	U	U	Yes	
2-Hexanone	1000	ug/L	100.0	U	U	Yes	
Dibromochloromethane	500	ug/L	100.0	U	U	Yes	
1,2-Dibromoethane	500	ug/L	100.0	U	U	Yes	
Chlorobenzene	500	ug/L	100.0	U	U	Yes	
Ethylbenzene	500	ug/L	100.0	U	U	Yes	
o-Xylene	500	ug/L	100.0	U	U	Yes	
m,p-Xylene	500	ug/L	100.0	U	U	Yes	
Styrene	500	ug/L	100.0	U	U	Yes	
Bromoform	500	ug/L	100.0	U	U	Yes	
Isopropylbenzene	500	ug/L	100.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	500	ug/L	100.0	U	U	Yes	
1,3-Dichlorobenzene	500	ug/L	100.0	U	U	Yes	
1,4-Dichlorobenzene	500	ug/L	100.0	U	U	Yes	
1,2-Dichlorobenzene	500	ug/L	100.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	500	ug/L	100.0	U	U	Yes	
1,2,4-Trichlorobenzene	500	ug/L	100.0	U	U	Yes	
1,2,3-Trichlorobenzene	500	ug/L	100.0	U	U	Yes	

Case No:	41255	Contract:	BPW05031	SDG No:	B52H2	Lab Code:	SHEALY
Sample Number:	B52H7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-FB001-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	12:05:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	5.8	ug/L	1.0	J	J	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52H8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-FB002-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	10:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	5.9	ug/L	1.0	J	J	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52H9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01A-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	14:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	2.9	ug/L	1.0	J	J	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.9	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	6.6	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	1.6	ug/L	1.0	J	J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	B52H2	Lab Code:	SHEALY
Sample Number:	B52J0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01B-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	14:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.7	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	4.4	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	8.3	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.9	ug/L	1.0	J	J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	BPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52J1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01C-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	14:55:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.7	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	4.2	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	8.7	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.9	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52J2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01D-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	15:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.3	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	4.1	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	9.0	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.8	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	BPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52J3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01B-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	15:15:00
% Moisture :		% Solids :					

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	25	ug/L	5.0	U	U	Yes	
Chloromethane	25	ug/L	5.0	U	U	Yes	
Vinyl chloride	25	ug/L	5.0	U	U	Yes	
Bromomethane	25	ug/L	5.0	U	U	Yes	
Chloroethane	25	ug/L	5.0	U	U	Yes	
Trichlorofluoromethane	25	ug/L	5.0	U	U	Yes	
1,1-Dichloroethene	5.3	ug/L	5.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	25	ug/L	5.0	U	U	Yes	
Acetone	50	ug/L	5.0	U	U	Yes	
Carbon Disulfide	25	ug/L	5.0	U	U	Yes	
Methyl acetate	25	ug/L	5.0	U	U	Yes	
Methylene chloride	25	ug/L	5.0	U	U	Yes	
trans-1,2-Dichloroethene	25	ug/L	5.0	U	U	Yes	
Methyl tert-butyl ether	25	ug/L	5.0	U	U	Yes	
1,1-Dichloroethane	32	ug/L	5.0			Yes	
cis-1,2-Dichloroethene	16	ug/L	5.0	J	J	Yes	
2-Butanone	7.8	ug/L	5.0	J	J	Yes	
Bromochloromethane	25	ug/L	5.0	U	U	Yes	
Chloroform	25	ug/L	5.0	JB	U	Yes	
1,1,1-Trichloroethane	300	ug/L	5.0			Yes	
Cyclohexane	25	ug/L	5.0	U	U	Yes	
Carbon tetrachloride	25	ug/L	5.0	U	U	Yes	
Benzene	25	ug/L	5.0	U	U	Yes	
1,2-Dichloroethane	25	ug/L	5.0	U	U	Yes	
1,4-Dioxane	500	ug/L	5.0	U	R	Yes	
Trichloroethene	25	ug/L	5.0	U	U	Yes	
Methylcyclohexane	25	ug/L	5.0	U	U	Yes	
1,2-Dichloropropane	25	ug/L	5.0	U	U	Yes	
Bromodichloromethane	25	ug/L	5.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	25	ug/L	5.0	U	U	Yes	
cis-1,3-Dichloropropene	25	ug/L	5.0	U	U	Yes	
4-Methyl-2-pentanone	50	ug/L	5.0	U	U	Yes	
Toluene	25	ug/L	5.0	U	U	Yes	
trans-1,3-Dichloropropene	25	ug/L	5.0	U	U	Yes	
1,1,2-Trichloroethane	25	ug/L	5.0	U	U	Yes	
Tetrachloroethene	18	ug/L	5.0	J	J	Yes	
2-Hexanone	50	ug/L	5.0	U	U	Yes	
Dibromochloromethane	25	ug/L	5.0	U	U	Yes	
1,2-Dibromoethane	25	ug/L	5.0	U	U	Yes	
Chlorobenzene	25	ug/L	5.0	U	U	Yes	
Ethylbenzene	10	ug/L	5.0	J	J	Yes	
o-Xylene	19	ug/L	5.0	J	J	Yes	
m,p-Xylene	27	ug/L	5.0			Yes	
Styrene	25	ug/L	5.0	U	U	Yes	
Bromoform	25	ug/L	5.0	U	U	Yes	
Isopropylbenzene	7.7	ug/L	5.0	J	J	Yes	
1,1,2,2-Tetrachloroethane	25	ug/L	5.0	U	U	Yes	
1,3-Dichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,4-Dichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,2-Dichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	25	ug/L	5.0	U	U	Yes	
1,2,4-Trichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,2,3-Trichlorobenzene	25	ug/L	5.0	U	U	Yes	
Benzene, 1-ethyl-3-methyl-			5.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			5.0	NJ		Yes	
Benzene, 1,3,5-trimethyl-			5.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			5.0	NJ		Yes	
Azulene			5.0	NJ		Yes	
Benzene, 1,2,4,5-tetramethyl-			5.0	NJ		Yes	
Benzene, 1,2,3-			5.0	NJ		Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	B52J4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW016-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	09:35:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.66	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	3.0	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	81	ug/L	1.0		J	Yes	
cis-1,2-Dichloroethene	42	ug/L	1.0		J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	1.6	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	190	ug/L	1.0		J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	42	ug/L	1.0	J	J	Yes	
Trichloroethene	49	ug/L	1.0		J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
trimethyl-			5.0	NJ		Yes	
Benzene, 1-ethyl-2-methyl-			5.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			5.0	NJ		Yes	

Case No: 41255	Contract: EPW05031	SDG No: E52H2	Lab Code: SHEALY
Sample Number: E52J4RE	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH: 2	Sample Date: 04/19/2011	Sample Time: 09:35:00
% Moisture :	% Solids :		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.63	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	30	ug/L	1.0	B	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	2.9	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	85	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	44	ug/L	1.0		J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	1.7	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	220	ug/L	1.0	E	J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	52	ug/L	1.0			Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	8.9	ug/L	1.0		J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	BPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52J5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW016-110419-D	pH:	2	Sample Date:	04/19/2011	Sample Time:	09:35:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	0.73	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	30	ug/L	1.0		J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	3.0	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	80	ug/L	1.0		J	Yes	
cis-1,2-Dichloroethene	41	ug/L	1.0		J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	1.6	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	180	ug/L	1.0		J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	43	ug/L	1.0	J	J	Yes	
Trichloroethene	49	ug/L	1.0		J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	8.8	ug/L	1.0			Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,1,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	B52J5RE	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	2	Sample Date:	04/19/2011	Sample Time:	09:35:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.79	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	30	ug/L	1.0	B	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	2.9	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	83	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	42	ug/L	1.0		J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	1.6	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	210	ug/L	1.0	E	J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	30	ug/L	1.0	J	J	Yes	
Trichloroethene	51	ug/L	1.0			Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	9.1	ug/L	1.0		J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	BPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52J6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022A-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	14:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	1.0	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.70	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	33	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	0.83	ug/L	1.0	J	J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	9.3	ug/L	1.0			Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	B52J7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022A-110418-D	pH:	2	Sample Date:	04/18/2011	Sample Time:	14:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	1.3	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.95	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.80	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	26	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	0.82	ug/L	1.0	J	J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	BPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52J8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022B-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	14:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	1.5	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.9	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.6	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	6.7	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	1.7	ug/L	1.0	J	J	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.62	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No: 41255	Contract: EPW05031	SDG No: E52H2	Lab Code: SHEALY
Sample Number: E52J9	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location: A4-MW032-110418	pH: 2	Sample Date: 04/18/2011	Sample Time: 09:52:00
% Moisture :	% Solids :		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	1.7	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.83	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	12	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	10	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	JB	U	Yes	
1,1,1-Trichloroethane	15	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	8.1	ug/L	1.0			Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.61	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	E52K0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW114A-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	09:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.88	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	11	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	4.3	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	98	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	23	ug/L	1.0	J	J	Yes	
Trichloroethene	6.0	ug/L	1.0			Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethane	1.0	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	B52H2	Lab Code:	SHEALY
Sample Number:	B52K1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW130A-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	17:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	20	ug/L	4.0	U	U	Yes	
Chloromethane	20	ug/L	4.0	U	U	Yes	
Vinyl chloride	20	ug/L	4.0	U	U	Yes	
Bromomethane	20	ug/L	4.0	U	U	Yes	
Chloroethane	20	ug/L	4.0	U	U	Yes	
Trichlorofluorom ethane	20	ug/L	4.0	U	U	Yes	
1,1-Dichloroethene	9.2	ug/L	4.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	20	ug/L	4.0	U	U	Yes	
Acetone	80	ug/L	4.0	J	U	Yes	
Carbon Disulfide	20	ug/L	4.0	U	U	Yes	
Methyl acetate	20	ug/L	4.0	U	U	Yes	
Methylene chloride	20	ug/L	4.0	U	U	Yes	
trans-1,2-Dichloroethene	20	ug/L	4.0	U	U	Yes	
Methyl tert-butyl ether	20	ug/L	4.0	U	U	Yes	
1,1-Dichloroethane	24	ug/L	4.0			Yes	
cis-1,2-Dichloroethene	6.9	ug/L	4.0	J	J	Yes	
2-Butanone	40	ug/L	4.0	U	U	Yes	
Bromochloromet hane	20	ug/L	4.0	U	U	Yes	
Chloroform	20	ug/L	4.0	JB	U	Yes	
1,1,1-Trichloroethane	290	ug/L	4.0			Yes	
Cyclohexane	20	ug/L	4.0	U	U	Yes	
Carbon tetrachloride	20	ug/L	4.0	U	U	Yes	
Benzene	20	ug/L	4.0	U	U	Yes	
1,2-Dichloroethane	20	ug/L	4.0	U	U	Yes	
1,4-Dioxane	400	ug/L	4.0	U	R	Yes	
Trichloroethene	3.4	ug/L	4.0	J	J	Yes	
Methylcyclohexa ne	20	ug/L	4.0	U	U	Yes	
1,2-Dichloropropane	20	ug/L	4.0	U	U	Yes	
Bromodichlorom	20	ug/L	4.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	VBLKKQ	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	20	ug/L	4.0	U	U	Yes	
cis-1,3-Dichloropropene	20	ug/L	4.0	U	U	Yes	
4-Methyl-2-pentanone	40	ug/L	4.0	U	U	Yes	
Toluene	20	ug/L	4.0	U	U	Yes	
trans-1,3-Dichloropropene	20	ug/L	4.0	U	U	Yes	
1,1,2-Trichloroethane	20	ug/L	4.0	U	U	Yes	
Tetrachloroethene	20	ug/L	4.0	U	U	Yes	
2-Hexanone	40	ug/L	4.0	U	U	Yes	
Dibromochloromethane	20	ug/L	4.0	U	U	Yes	
1,2-Dibromoethane	20	ug/L	4.0	U	U	Yes	
Chlorobenzene	20	ug/L	4.0	U	U	Yes	
Ethylbenzene	20	ug/L	4.0	U	U	Yes	
o-Xylene	20	ug/L	4.0	U	U	Yes	
m,p-Xylene	20	ug/L	4.0	U	U	Yes	
Styrene	20	ug/L	4.0	U	U	Yes	
Bromoform	20	ug/L	4.0	U	U	Yes	
Isopropylbenzene	20	ug/L	4.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	20	ug/L	4.0	U	U	Yes	
1,3-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,4-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2-Dichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	20	ug/L	4.0	U	U	Yes	
1,2,4-Trichlorobenzene	20	ug/L	4.0	U	U	Yes	
1,2,3-Trichlorobenzene	20	ug/L	4.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	B52H2	Lab Code:	SHEALY
Sample Number:	VBLKKV	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.61	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No: 41255	Contract: EPW05031	SDG No: B52H2	Lab Code: SHEALY
Sample Number: VBLKLA	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.93	ug/L	1.0	J	J	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	0.69	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	VBLKLB	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	UJ	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.79	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	0.75	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	41	ug/L	1.0	J	J	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	B52H2	Lab Code:	SHEALY
Sample Number:	VBLKMZ	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52H2	Lab Code:	SHEALY
Sample Number:	VHBLK01	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Sample Summary Report

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW130B-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	16:35:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	2.7	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	9.9	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	5.4	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	49	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	11	ug/L	1.0	J	J	Yes	
Trichloroethene	3.0	ug/L	1.0	J	J	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.78	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401A-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	11:55:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	1.3	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	8.5	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	5.4	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	10	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	3.1	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.54	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401B-110418	pH:	2	Sample Date:	04/18/2011	Sample Time:	11:55:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	1.4	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	8.2	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	5.3	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	JB	U	Yes	
1,1,1-Trichloroethane	10	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	3.0	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K4MS	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	2	Sample Date:	04/18/2011	Sample Time:	11:55:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	2.5	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	57	ug/L	1.0		J	Yes	
Benzene	55	ug/L	1.0			Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	61	ug/L	1.0			Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Toluene	54	ug/L	1.0			Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	51	ug/L	1.0			Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	8.4	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	5.4	ug/L	1.0		J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	JB	U	Yes	
1,1,1-Trichloroethane	10	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K4MSD	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	2	Sample Date:	04/18/2011	Sample Time:	11:55:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1-Dichloroethene	41	ug/L	1.0			Yes	
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Benzene	61	ug/L	1.0			Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	63	ug/L	1.0			Yes	
Toluene	57	ug/L	1.0			Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	52	ug/L	1.0			Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	8.7	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	5.5	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	9.4	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	5.2	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-TB001-110419	pH:	2	Sample Date:	04/19/2011	Sample Time:	09:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	7.6	ug/L	1.0	J	J	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	0.59	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-FB001-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	12:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW002-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	17:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.7	ug/L	1.0			Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	UJ	Yes	
Chloroethane	11	ug/L	1.0			Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	JB	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	9.5	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	98	ug/L	1.0			Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	390	ug/L	1.0	E	J	Yes	
1,2-Dichloropropane	7.6	ug/L	1.0			Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	110	ug/L	1.0			Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	10	ug/L	1.0			Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	1200	ug/L	1.0	E	J	Yes	
o-Xylene	10	ug/L	1.0			Yes	
m,p-Xylene	2000	ug/L	1.0	E	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	75	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Benzene, 1-ethyl-3-methyl-			1.0	NJ		Yes	
Cyclopentane, 1,3-dimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzene, 1,3-diethyl-5-methyl-			1.0	NJ		Yes	
Benzene, 1,2-diethyl-			1.0	NJ		Yes	
Cyclopentane, 1,3-dimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Benzene, 1-ethyl-2,3-dimethyl-			1.0	NJ		Yes	
Benzene, 1-ethenyl-2-methyl-			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Cyclohexane, 1,2-dimethyl-, trans-			1.0	NJ		Yes	
Cyclopentane, 1,3-dimethyl-			1.0	NJ		Yes	
Cyclopentane, ethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Isopropylcyclobutane			1.0	NJ		Yes	
Cyclopentane, 1,3-dimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Benzene, 4-ethyl-1,2-dimethyl-			1.0	NJ		Yes	
Benzene, 1-methyl-4-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Benzene, propyl-			1.0	NJ		Yes	
Azulene			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Benzene, 1-ethenyl-4-ethyl-			1.0	NJ		Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzene, 2-ethyl-1,4-dimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3,4-tetramethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Naphthalene, 1,2,3,4-tetrahydro-			1.0	NJ		Yes	
Benzene, 1-methyl-4-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1-methyl-4-propyl-			1.0	NJ		Yes	
Benzene, 1-methyl-4-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1-ethyl-2-methyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Benzene, 1-methyl-4-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1-methyl-4-propyl-			1.0	NJ		Yes	
Benzene, 1-methyl-4-propyl-			1.0	NJ		Yes	
Benzene, 1-methyl-4-propyl-			1.0	NJ		Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K7DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	2	Sample Date:	04/20/2011	Sample Time:	17:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	200	ug/L	40.0	U	R	Yes	
Chloromethane	200	ug/L	40.0	U	R	Yes	
Vinyl chloride	200	ug/L	40.0	U	R	Yes	
Bromomethane	200	ug/L	40.0	U	R	Yes	
Chloroethane	200	ug/L	40.0	U	R	Yes	
Trichlorofluorom ethane	200	ug/L	40.0	U	R	Yes	
1,1-Dichloroethene	200	ug/L	40.0	U	R	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	ug/L	40.0	U	R	Yes	
Acetone	400	ug/L	40.0	U	R	Yes	
Carbon Disulfide	200	ug/L	40.0	U	R	Yes	
Methyl acetate	200	ug/L	40.0	U	R	Yes	
Methylene chloride	200	ug/L	40.0	U	R	Yes	
trans-1,2-Dichloroethene	200	ug/L	40.0	U	R	Yes	
Methyl tert-butyl ether	200	ug/L	40.0	U	R	Yes	
1,1-Dichloroethane	200	ug/L	40.0	U	R	Yes	
cis-1,2-Dichloroethene	200	ug/L	40.0	U	R	Yes	
2-Butanone	400	ug/L	40.0	U	R	Yes	
Bromochloromet hane	200	ug/L	40.0	U	R	Yes	
Chloroform	200	ug/L	40.0	U	R	Yes	
1,1,1-Trichloroethane	200	ug/L	40.0	U	R	Yes	
Cyclohexane	200	ug/L	40.0	U	R	Yes	
Carbon tetrachloride	200	ug/L	40.0	U	R	Yes	
Benzene	200	ug/L	40.0	U	R	Yes	
1,2-Dichloroethane	200	ug/L	40.0	U	R	Yes	
1,4-Dioxane	4000	ug/L	40.0	U	R	Yes	
Trichloroethene	200	ug/L	40.0	U	R	Yes	
Methylcyclohexa ne	71	ug/L	40.0	J D	J	Yes	
1,2-Dichloropropane	200	ug/L	40.0	U	R	Yes	
Bromodichlorom	200	ug/L	40.0	U	R	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	200	ug/L	40.0	U	R	Yes	
cis-1,3-Dichloropropene	200	ug/L	40.0	U	R	Yes	
4-Methyl-2-pentanone	400	ug/L	40.0	U	R	Yes	
Toluene	200	ug/L	40.0	J D	R	Yes	
trans-1,3-Dichloropropene	200	ug/L	40.0	U	R	Yes	
1,1,2-Trichloroethane	200	ug/L	40.0	U	R	Yes	
Tetrachloroethene	200	ug/L	40.0	U	R	Yes	
2-Hexanone	400	ug/L	40.0	U	R	Yes	
Dibromochloromethane	200	ug/L	40.0	U	R	Yes	
1,2-Dibromoethane	200	ug/L	40.0	U	R	Yes	
Chlorobenzene	200	ug/L	40.0	U	R	Yes	
Ethylbenzene	2700	ug/L	40.0	D	J	Yes	
o-Xylene	200	ug/L	40.0	U	R	Yes	
m,p-Xylene	9000	ug/L	40.0	E D	J	Yes	
Styrene	200	ug/L	40.0	U	R	Yes	
Bromoform	200	ug/L	40.0	U	R	Yes	
Isopropylbenzene	200	ug/L	40.0	U	R	Yes	
1,1,2,2-Tetrachloroethane	200	ug/L	40.0	U	R	Yes	
1,3-Dichlorobenzene	200	ug/L	40.0	U	R	Yes	
1,4-Dichlorobenzene	200	ug/L	40.0	U	R	Yes	
1,2-Dichlorobenzene	200	ug/L	40.0	U	R	Yes	
1,2-Dibromo-3-chloropropane	200	ug/L	40.0	U	R	Yes	
1,2,4-Trichlorobenzene	200	ug/L	40.0	U	R	Yes	
1,2,3-Trichlorobenzene	200	ug/L	40.0	U	R	Yes	
Benzene, 1,2,3-trimethyl-			40.0	NJ D		Yes	
Benzene, 1,2,4-trimethyl-			40.0	NJ D		Yes	
Benzene, 1,3,5-trimethyl-			40.0	NJ D		Yes	
Benzene, 1-ethyl-2-methyl-			40.0	NJ D		Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW003-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	16:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	1000	ug/L	200.0	U	U	Yes	
Chloromethane	1000	ug/L	200.0	U	U	Yes	
Vinyl chloride	1000	ug/L	200.0	U	U	Yes	
Bromomethane	1000	ug/L	200.0	U	U	Yes	
Chloroethane	1000	ug/L	200.0	U	U	Yes	
Trichlorofluorom ethane	1000	ug/L	200.0	U	U	Yes	
1,1-Dichloroethene	130	ug/L	200.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	ug/L	200.0	U	U	Yes	
Acetone	4000	ug/L	200.0	J	U	Yes	
Carbon Disulfide	1000	ug/L	200.0	U	U	Yes	
Methyl acetate	1000	ug/L	200.0	U	U	Yes	
Methylene chloride	1000	ug/L	200.0	U	U	Yes	
trans-1,2-Dichloroethene	1000	ug/L	200.0	U	U	Yes	
Methyl tert-butyl ether	1000	ug/L	200.0	U	U	Yes	
1,1-Dichloroethane	1000	ug/L	200.0	U	U	Yes	
cis-1,2-Dichloroethene	1000	ug/L	200.0	U	U	Yes	
2-Butanone	2000	ug/L	200.0	U	U	Yes	
Bromochloromet hane	1000	ug/L	200.0	U	U	Yes	
Chloroform	1000	ug/L	200.0	U	U	Yes	
1,1,1-Trichloroethane	1000	ug/L	200.0	U	U	Yes	
Cyclohexane	1000	ug/L	200.0	U	U	Yes	
Carbon tetrachloride	1000	ug/L	200.0	U	U	Yes	
Benzene	1000	ug/L	200.0	U	U	Yes	
1,2-Dichloroethane	1000	ug/L	200.0	U	U	Yes	
1,4-Dioxane	9300	ug/L	200.0	J	J	Yes	
Trichloroethene	1000	ug/L	200.0	U	U	Yes	
Methylcyclohexa ne	1000	ug/L	200.0	U	U	Yes	
1,2-Dichloropropane	1000	ug/L	200.0	U	U	Yes	
Bromodichlorom	1000	ug/L	200.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	1000	ug/L	200.0	U	U	Yes	
cis-1,3-Dichloropropene	1000	ug/L	200.0	U	U	Yes	
4-Methyl-2-pentanone	2000	ug/L	200.0	U	U	Yes	
Toluene	1000	ug/L	200.0			Yes	
trans-1,3-Dichloropropene	1000	ug/L	200.0	U	U	Yes	
1,1,2-Trichloroethane	1000	ug/L	200.0	U	U	Yes	
Tetrachloroethene	1000	ug/L	200.0	U	U	Yes	
2-Hexanone	2000	ug/L	200.0	U	U	Yes	
Dibromochloroethane	1000	ug/L	200.0	U	U	Yes	
1,2-Dibromoethane	1000	ug/L	200.0	U	U	Yes	
Chlorobenzene	1000	ug/L	200.0	U	U	Yes	
Ethylbenzene	1200	ug/L	200.0			Yes	
o-Xylene	1000	ug/L	200.0	U	U	Yes	
m,p-Xylene	5400	ug/L	200.0		J	Yes	
Styrene	1000	ug/L	200.0	U	U	Yes	
Bromoform	1000	ug/L	200.0	U	U	Yes	
Isopropylbenzene	1000	ug/L	200.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	1000	ug/L	200.0	U	U	Yes	
1,3-Dichlorobenzene	1000	ug/L	200.0	U	U	Yes	
1,4-Dichlorobenzene	1000	ug/L	200.0	U	U	Yes	
1,2-Dichlorobenzene	1000	ug/L	200.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	1000	ug/L	200.0	U	U	Yes	
1,2,4-Trichlorobenzene	1000	ug/L	200.0	U	U	Yes	
1,2,3-Trichlorobenzene	1000	ug/L	200.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52K9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW004A-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	10000	ug/L	2000.0	U	U	Yes	
Chloromethane	10000	ug/L	2000.0	U	U	Yes	
Vinyl chloride	10000	ug/L	2000.0	U	U	Yes	
Bromomethane	10000	ug/L	2000.0	U	U	Yes	
Chloroethane	10000	ug/L	2000.0	U	U	Yes	
Trichlorofluorom ethane	10000	ug/L	2000.0	U	U	Yes	
1,1-Dichloroethene	1100	ug/L	2000.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	10000	ug/L	2000.0	U	U	Yes	
Acetone	40000	ug/L	2000.0	J	U	Yes	
Carbon Disulfide	10000	ug/L	2000.0	U	U	Yes	
Methyl acetate	10000	ug/L	2000.0	U	U	Yes	
Methylene chloride	10000	ug/L	2000.0	U	U	Yes	
trans-1,2-Dichloroethene	10000	ug/L	2000.0	U	U	Yes	
Methyl tert-butyl ether	10000	ug/L	2000.0	U	U	Yes	
1,1-Dichloroethane	10000	ug/L	2000.0	U	U	Yes	
cis-1,2-Dichloroethene	10000	ug/L	2000.0	U	U	Yes	
2-Butanone	20000	ug/L	2000.0	U	U	Yes	
Bromochloromet hane	10000	ug/L	2000.0	U	U	Yes	
Chloroform	10000	ug/L	2000.0	U	U	Yes	
1,1,1-Trichloroethane	10000	ug/L	2000.0	U	U	Yes	
Cyclohexane	10000	ug/L	2000.0	U	U	Yes	
Carbon tetrachloride	10000	ug/L	2000.0	U	U	Yes	
Benzene	10000	ug/L	2000.0	U	U	Yes	
1,2-Dichloroethane	10000	ug/L	2000.0	U	U	Yes	
1,4-Dioxane	200000	ug/L	2000.0	U	R	Yes	
Trichloroethene	10000	ug/L	2000.0	U	U	Yes	
Methylcyclohexa ne	10000	ug/L	2000.0	U	U	Yes	
1,2-Dichloropropane	10000	ug/L	2000.0	U	U	Yes	
Bromodichlorom	10000	ug/L	2000.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	10000	ug/L	2000.0	U	U	Yes	
cis-1,3-Dichloropropene	10000	ug/L	2000.0	U	U	Yes	
4-Methyl-2-pentanone	20000	ug/L	2000.0	U	U	Yes	
Toluene	160000	ug/L	2000.0			Yes	
trans-1,3-Dichloropropene	10000	ug/L	2000.0	U	U	Yes	
1,1,2-Trichloroethane	10000	ug/L	2000.0	U	U	Yes	
Tetrachloroethene	10000	ug/L	2000.0	U	U	Yes	
2-Hexanone	20000	ug/L	2000.0	U	U	Yes	
Dibromochloroethane	10000	ug/L	2000.0	U	U	Yes	
1,2-Dibromoethane	10000	ug/L	2000.0	U	U	Yes	
Chlorobenzene	10000	ug/L	2000.0	U	U	Yes	
Ethylbenzene	10000	ug/L	2000.0	U	U	Yes	
o-Xylene	10000	ug/L	2000.0	U	U	Yes	
m,p-Xylene	10000	ug/L	2000.0	U	U	Yes	
Styrene	10000	ug/L	2000.0	U	U	Yes	
Bromoform	10000	ug/L	2000.0	U	U	Yes	
Isopropylbenzene	10000	ug/L	2000.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	10000	ug/L	2000.0	U	UJ	Yes	
1,3-Dichlorobenzene	10000	ug/L	2000.0	U	U	Yes	
1,4-Dichlorobenzene	10000	ug/L	2000.0	U	U	Yes	
1,2-Dichlorobenzene	10000	ug/L	2000.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	10000	ug/L	2000.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	10000	ug/L	2000.0	U	U	Yes	
1,2,3-Trichlorobenzene	10000	ug/L	2000.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52L0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW004B-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	11:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	20	ug/L	4.0	U	UJ	Yes	
Chloromethane	20	ug/L	4.0	U	UJ	Yes	
Vinyl chloride	20	ug/L	4.0	U	UJ	Yes	
Bromomethane	20	ug/L	4.0	U	UJ	Yes	
Chloroethane	20	ug/L	4.0	U	UJ	Yes	
Trichlorofluorom ethane	20	ug/L	4.0	U	UJ	Yes	
1,1-Dichloroethene	6.6	ug/L	4.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	20	ug/L	4.0	U	UJ	Yes	
Acetone	80	ug/L	4.0	J	UJ	Yes	
Carbon Disulfide	20	ug/L	4.0	U	UJ	Yes	
Methyl acetate	20	ug/L	4.0	U	UJ	Yes	
Methylene chloride	20	ug/L	4.0	U	UJ	Yes	
trans-1,2-Dichloroethene	20	ug/L	4.0	U	UJ	Yes	
Methyl tert-butyl ether	20	ug/L	4.0	U	UJ	Yes	
1,1-Dichloroethane	20	ug/L	4.0	J	J	Yes	
cis-1,2-Dichloroethene	7.8	ug/L	4.0	J	J	Yes	
2-Butanone	40	ug/L	4.0	U	UJ	Yes	
Bromochloromet hane	20	ug/L	4.0	U	UJ	Yes	
Chloroform	20	ug/L	4.0	U	UJ	Yes	
1,1,1-Trichloroethane	190	ug/L	4.0		J	Yes	
Cyclohexane	20	ug/L	4.0	U	UJ	Yes	
Carbon tetrachloride	20	ug/L	4.0	U	UJ	Yes	
Benzene	20	ug/L	4.0	U	UJ	Yes	
1,2-Dichloroethane	20	ug/L	4.0	U	UJ	Yes	
1,4-Dioxane	400	ug/L	4.0	U	R	Yes	
Trichloroethene	4.0	ug/L	4.0	J	J	Yes	
Methylcyclohexa ne	20	ug/L	4.0	U	UJ	Yes	
1,2-Dichloropropane	20	ug/L	4.0	U	UJ	Yes	
Bromodichlorom	20	ug/L	4.0	U	UJ	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	20	ug/L	4.0	U	UJ	Yes	
cis-1,3-Dichloropropene	20	ug/L	4.0	U	UJ	Yes	
4-Methyl-2-pentanone	40	ug/L	4.0	U	U	Yes	
Toluene	20	ug/L	4.0	U	UJ	Yes	
trans-1,3-Dichloropropene	20	ug/L	4.0	U	UJ	Yes	
1,1,2-Trichloroethane	20	ug/L	4.0	U	UJ	Yes	
Tetrachloroethene	20	ug/L	4.0	U	UJ	Yes	
2-Hexanone	40	ug/L	4.0	U	U	Yes	
Dibromochloromethane	20	ug/L	4.0	U	UJ	Yes	
1,2-Dibromoethane	20	ug/L	4.0	U	UJ	Yes	
Chlorobenzene	20	ug/L	4.0	U	UJ	Yes	
Ethylbenzene	20	ug/L	4.0	U	UJ	Yes	
o-Xylene	20	ug/L	4.0	U	UJ	Yes	
m,p-Xylene	20	ug/L	4.0	U	UJ	Yes	
Styrene	20	ug/L	4.0	U	UJ	Yes	
Bromoform	20	ug/L	4.0	U	UJ	Yes	
Isopropylbenzene	20	ug/L	4.0	U	UJ	Yes	
1,1,2,2-Tetrachloroethane	20	ug/L	4.0	U	UJ	Yes	
1,3-Dichlorobenzene	20	ug/L	4.0	U	UJ	Yes	
1,4-Dichlorobenzene	20	ug/L	4.0	U	UJ	Yes	
1,2-Dichlorobenzene	20	ug/L	4.0	U	UJ	Yes	
1,2-Dibromo-3-chloropropane	20	ug/L	4.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	20	ug/L	4.0	U	UJ	Yes	
1,2,3-Trichlorobenzene	20	ug/L	4.0	U	UJ	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52L0RE	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	2	Sample Date:	04/20/2011	Sample Time:	11:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	20	ug/L	4.0	U	R	Yes	
Chloromethane	20	ug/L	4.0	U	R	Yes	
Vinyl chloride	20	ug/L	4.0	U	R	Yes	
Bromomethane	20	ug/L	4.0	U	R	Yes	
Chloroethane	20	ug/L	4.0	U	R	Yes	
Trichlorofluorom ethane	20	ug/L	4.0	U	R	Yes	
1,1-Dichloroethene	20	ug/L	4.0	U	R	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	20	ug/L	4.0	U	R	Yes	
Acetone	80	ug/L	4.0	J	R	Yes	
Carbon Disulfide	20	ug/L	4.0	U	R	Yes	
Methyl acetate	20	ug/L	4.0	U	R	Yes	
Methylene chloride	20	ug/L	4.0	U	R	Yes	
trans-1,2-Dichloroethene	20	ug/L	4.0	U	R	Yes	
Methyl tert-butyl ether	20	ug/L	4.0	U	R	Yes	
1,1-Dichloroethane	16	ug/L	4.0	J	J	Yes	
cis-1,2-Dichloroethene	6.7	ug/L	4.0	J	J	Yes	
2-Butanone	40	ug/L	4.0	U	R	Yes	
Bromochloromet hane	20	ug/L	4.0	U	R	Yes	
Chloroform	20	ug/L	4.0	U	R	Yes	
1,1,1-Trichloroethane	110	ug/L	4.0		J	Yes	
Cyclohexane	20	ug/L	4.0	U	R	Yes	
Carbon tetrachloride	20	ug/L	4.0	U	R	Yes	
Benzene	20	ug/L	4.0	U	R	Yes	
1,2-Dichloroethane	20	ug/L	4.0	U	R	Yes	
1,4-Dioxane	400	ug/L	4.0	U	R	Yes	
Trichloroethene	3.1	ug/L	4.0	J	J	Yes	
Methylcyclohexa ne	20	ug/L	4.0	U	R	Yes	
1,2-Dichloropropane	20	ug/L	4.0	U	R	Yes	
Bromodichlorom	20	ug/L	4.0	U	R	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	20	ug/L	4.0	U	R	Yes	
cis-1,3-Dichloropropene	20	ug/L	4.0	U	R	Yes	
4-Methyl-2-pentanone	40	ug/L	4.0	U	R	Yes	
Toluene	20	ug/L	4.0	U	R	Yes	
trans-1,3-Dichloropropene	20	ug/L	4.0	U	R	Yes	
1,1,2-Trichloroethane	20	ug/L	4.0	U	R	Yes	
Tetrachloroethene	2.8	ug/L	4.0	J	J	Yes	
2-Hexanone	40	ug/L	4.0	U	R	Yes	
Dibromochloromethane	20	ug/L	4.0	U	R	Yes	
1,2-Dibromoethane	20	ug/L	4.0	U	R	Yes	
Chlorobenzene	20	ug/L	4.0	U	R	Yes	
Ethylbenzene	20	ug/L	4.0	U	R	Yes	
o-Xylene	20	ug/L	4.0	U	R	Yes	
m,p-Xylene	20	ug/L	4.0	U	R	Yes	
Styrene	20	ug/L	4.0	U	R	Yes	
Bromoform	20	ug/L	4.0	U	R	Yes	
Isopropylbenzene	20	ug/L	4.0	U	R	Yes	
1,1,2,2-Tetrachloroethane	20	ug/L	4.0	U	R	Yes	
1,3-Dichlorobenzene	20	ug/L	4.0	U	R	Yes	
1,4-Dichlorobenzene	20	ug/L	4.0	U	R	Yes	
1,2-Dichlorobenzene	20	ug/L	4.0	U	R	Yes	
1,2-Dibromo-3-chloropropane	20	ug/L	4.0	U	R	Yes	
1,2,4-Trichlorobenzene	20	ug/L	4.0	U	R	Yes	
1,2,3-Trichlorobenzene	20	ug/L	4.0	U	R	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52L1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW006-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	09:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	2.0	ug/L	1.0	J	J	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	UJ	Yes	
Chloroethane	3.8	ug/L	1.0	J	J	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	3.3	ug/L	1.0	J	J	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	1.2	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	1.3	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52L2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW125-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	14:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	UJ	Yes	
Chloromethane	5.0	ug/L	1.0	U	UJ	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	UJ	Yes	
Chloroethane	5.0	ug/L	1.0	U	UJ	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	250	ug/L	1.0	EB	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	ug/L	1.0	J	J	Yes	
Acetone	10	ug/L	1.0	U	UJ	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	UJ	Yes	
Methyl acetate	5.0	ug/L	1.0	U	UJ	Yes	
Methylene chloride	5.0	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.79	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	98	ug/L	1.0		J	Yes	
cis-1,2-Dichloroethene	130	ug/L	1.0		J	Yes	
2-Butanone	10	ug/L	1.0	U	UJ	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	UJ	Yes	
Chloroform	5.0	ug/L	1.0	U	UJ	Yes	
1,1,1-Trichloroethane	1700	ug/L	1.0	E	J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	UJ	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	UJ	Yes	
Benzene	5.0	ug/L	1.0	U	UJ	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	UJ	Yes	
1,4-Dioxane	100	ug/L	1.0	JB	R	Yes	
Trichloroethene	15	ug/L	1.0		J	Yes	
Methylcyclohexa ne	1.3	ug/L	1.0	J	J	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	UJ	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	UJ	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	UJ	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	UJ	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	UJ	Yes	
Toluene	5.0	ug/L	1.0	U	UJ	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	UJ	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	UJ	Yes	
Tetrachloroethene	20	ug/L	1.0		J	Yes	
2-Hexanone	10	ug/L	1.0	U	UJ	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	UJ	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	UJ	Yes	
Ethylbenzene	4.6	ug/L	1.0	J	J	Yes	
o-Xylene	5.0	ug/L	1.0	U	UJ	Yes	
m,p-Xylene	16	ug/L	1.0		J	Yes	
Styrene	5.0	ug/L	1.0	U	UJ	Yes	
Bromoform	5.0	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	UJ	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	UJ	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	UJ	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	UJ	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	UJ	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	UJ	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52L2RE	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	2	Sample Date:	04/20/2011	Sample Time:	14:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	100	ug/L	20.0	U	R	Yes	
Chloromethane	100	ug/L	20.0	U	R	Yes	
Vinyl chloride	100	ug/L	20.0	U	R	Yes	
Bromomethane	100	ug/L	20.0	U	R	Yes	
Chloroethane	100	ug/L	20.0	U	R	Yes	
Trichlorofluorom ethane	100	ug/L	20.0	U	R	Yes	
1,1-Dichloroethene	170	ug/L	20.0		J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	100	ug/L	20.0	U	R	Yes	
Acetone	200	ug/L	20.0	U	R	Yes	
Carbon Disulfide	100	ug/L	20.0	U	R	Yes	
Methyl acetate	100	ug/L	20.0	U	R	Yes	
Methylene chloride	100	ug/L	20.0	U	R	Yes	
trans-1,2-Dichloroethene	100	ug/L	20.0	U	R	Yes	
Methyl tert-butyl ether	100	ug/L	20.0	U	R	Yes	
1,1-Dichloroethane	89	ug/L	20.0	J	J	Yes	
cis-1,2-Dichloroethene	120	ug/L	20.0		J	Yes	
2-Butanone	200	ug/L	20.0	U	R	Yes	
Bromochloromet hane	100	ug/L	20.0	U	R	Yes	
Chloroform	100	ug/L	20.0	U	R	Yes	
1,1,1-Trichloroethane	1500	ug/L	20.0		J	Yes	
Cyclohexane	100	ug/L	20.0	U	R	Yes	
Carbon tetrachloride	100	ug/L	20.0	U	R	Yes	
Benzene	100	ug/L	20.0	U	R	Yes	
1,2-Dichloroethane	100	ug/L	20.0	U	R	Yes	
1,4-Dioxane	2000	ug/L	20.0	U	R	Yes	
Trichloroethene	13	ug/L	20.0	J	J	Yes	
Methylcyclohexa ne	100	ug/L	20.0	U	R	Yes	
1,2-Dichloropropane	100	ug/L	20.0	U	R	Yes	
Bromodichlorom	100	ug/L	20.0	U	R	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	100	ug/L	20.0	U	R	Yes	
cis-1,3-Dichloropropene	100	ug/L	20.0	U	R	Yes	
4-Methyl-2-pentanone	200	ug/L	20.0	U	R	Yes	
Toluene	100	ug/L	20.0	U	R	Yes	
trans-1,3-Dichloropropene	100	ug/L	20.0	U	R	Yes	
1,1,2-Trichloroethane	100	ug/L	20.0	U	R	Yes	
Tetrachloroethene	19	ug/L	20.0	J	J	Yes	
2-Hexanone	200	ug/L	20.0	U	R	Yes	
Dibromochloromethane	100	ug/L	20.0	U	R	Yes	
1,2-Dibromoethane	100	ug/L	20.0	U	R	Yes	
Chlorobenzene	100	ug/L	20.0	U	R	Yes	
Ethylbenzene	100	ug/L	20.0	U	R	Yes	
o-Xylene	100	ug/L	20.0	U	R	Yes	
m,p-Xylene	100	ug/L	20.0	U	R	Yes	
Styrene	100	ug/L	20.0	U	R	Yes	
Bromoform	100	ug/L	20.0	U	R	Yes	
Isopropylbenzene	100	ug/L	20.0	U	R	Yes	
1,1,2,2-Tetrachloroethane	100	ug/L	20.0	U	R	Yes	
1,3-Dichlorobenzene	100	ug/L	20.0	U	R	Yes	
1,4-Dichlorobenzene	100	ug/L	20.0	U	R	Yes	
1,2-Dichlorobenzene	100	ug/L	20.0	U	R	Yes	
1,2-Dibromo-3-chloropropane	100	ug/L	20.0	U	R	Yes	
1,2,4-Trichlorobenzene	100	ug/L	20.0	U	R	Yes	
1,2,3-Trichlorobenzene	100	ug/L	20.0	U	R	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52L3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW126A-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	14:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	11	ug/L	1.0			Yes	
Bromomethane	5.0	ug/L	1.0	U	UJ	Yes	
Chloroethane	2.0	ug/L	1.0	J	J	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	2.7	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	130	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	40	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	46	ug/L	1.0			Yes	
Cyclohexane	2.7	ug/L	1.0	J	J	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	3.3	ug/L	1.0	J	J	Yes	
1,4-Dioxane	100	ug/L	1.0	JB	R	Yes	
Trichloroethene	8.1	ug/L	1.0			Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	13	ug/L	1.0			Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	3.0	ug/L	1.0	J	J	Yes	
Tetrachloroethene	6.0	ug/L	1.0			Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.90	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	1.1	ug/L	1.0	J	J	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	E52L4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-TB001-110420	pH:	2	Sample Date:	04/20/2011	Sample Time:	08:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	4.6	ug/L	1.0	J	J	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	2.0	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	VBLKKQ	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	VBLKLA	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.93	ug/L	1.0	J	J	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	0.69	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	VBLKLB	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	UJ	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.79	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	0.75	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	41	ug/L	1.0	J	J	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	VBLKMH	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	0.61	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	VBLKMS	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	ug/L	1.0	J	J	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	VBLKMZ	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41255	Contract:	EPW05031	SDG No:	E52K2	Lab Code:	SHEALY
Sample Number:	VHBLK01	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon Disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Appendix B – Analytical Data

Second Quarter, July 2011

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Review of Data
Received for Review on: 16 August 2011

FROM: Timothy Prendiville, Supervisor (SR-6J)
Superfund Contract Management Section

TO: Data User: CDM
grabsjc@cdm.com

Level 3 Data Validation

We have reviewed the data for the following case:

SITE Name: SE Rockford GW Contamination (IL)

Case Number: 41580

SDG Number: E52N5

Number and Type of Samples: 3 Waters Samples (VOA)

Sample Numbers: E52N5-E52N7

Laboratory: ALS Laboratory Group

Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SA-5J

Case Number: 41580

SDG Number: E52N5

Site Name: SE Rockford GW Contamination (IL)

Laboratory: ALS Laboratory Group

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Three (3) preserved water samples labeled E52N5-E52N7 were shipped to ALS Laboratory Group located in Salt Lake City, UT. Samples E52N5-E52N7 were collected July 21, 2011. Samples were received July 22, 2011 intact and at the proper temperature.

All samples were analyzed for the VOA list of compounds. All samples were analyzed according to CLP SOW SOM01.2 (6/2007) and reviewed according to the NFG for SOM01.2 and the SOP for ESAT 5/TechLaw Validation of Contract Laboratory Program Organic Data (Version 2.6).

Sample E52N7 was identified as a trip blank. No field duplicates or laboratory QC samples were identified.

1. HOLDING TIME

No Problems Found.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No Problems Found.

3. CALIBRATION

The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. The compound was not detected in the samples. The non-detected compound is qualified "R".

E52N5, E52N5DL, E52N6, E52N6DL, E52N7, VBLKW1, VHBLKW1
1,4-Dioxane

The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and non-detected compound was not qualified

E52N5, E52N5DL, E52N6, E52N6DL, E52N7, VBLKW1, VHBLKW1
1,4-Dioxane-d8

The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. The compound was not detected in the samples. The non-detected compound is qualified "R".

E52N5, E52N5DL, E52N6, E52N6DL, E52N7, VBLKW1, VHBLKW1
1,4-Dioxane

4. BLANKS

The following volatile samples were analyzed after a sample with compounds exceeding calibration and no intervening instrument blank. Detection of these compounds should be qualified "J" as they may be a result of carryover.

E52N5
Ethylbenzene, m,p-Xylene

VHBLKW1
m,p-Xylene

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank has common contaminant analyte

Case Number: 41580
Site Name: SE Rockford GW Contamination (IL)

Page 4 of 7
SDG Number: E52N5
Laboratory: ALS Laboratory Group

concentration less than 2x the concentration criteria. Detected compounds are qualified "U". Reported sample concentrations have been elevated to the 2x the CRQL.

Acetone
E52N5DL, E52N6, E52N7, VHBLKW1

The following volatile samples have analyte concentrations reported less than the CRQL. The associated trip blank concentration is less than the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Toluene
E52N5, E52N5DL, E52N6

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

No Problems were found.

6A. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

No MS/MSD was performed with this set of samples. E-mail communications explained that there was not enough sample volume to analyze MS/MSD. Direction from Region was to analyze and note in SDG narrative.

6B. LABORATORY CONTROL SAMPLE

Not required for volatile analyses.

7. FIELD BLANK AND FIELD DUPLICATE

Sample E52N7 was identified as a trip blank. The sample contained Toluene at a concentration of 0.61 µg/L; Ethylbenzene at a concentration of 0.14 µg/L and m,p-Xylene at a concentration of 0.94 µg/L.

8. INTERNAL STANDARDS

No Problems were found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following volatile samples have analyte concentrations below the quantitation limit (CRQL).
Detected compounds are qualified "J".

E52N5DL

Methylene chloride, Methylcyclohexane, o-Xylene, Isopropylbenzene

E52N6

Methylene chloride, cis-1,2-Dichloroethene, Cyclohexane, o-Xylene

E52N6DL

1,1,1-Trichloroethene, Methylcyclohexane, o-Xylene, Isopropylbenzene

E52N7

Toluene, Ethylbenzene, m,p-Xylene

VBLKW1

Acetone

VHBLKW1

M,p-Xylene

A library search indicates a match below 85% for a TIC compound in the volatile samples.
Detected compounds are qualified "J".

Unknown Decane, 4-methylene-@ 8.3575

Unknown Benzene, 1-methyl-4-propyl-@12.7408

Unknown Benzene, 1-methyl-3-propyl-@13.2285

E52N6

A library search indicates a match at or above 85% for a TIC compound in the volatile sample.
Detected compounds are qualified "NJ".

CAS No. 95-93-2 Benzene, 1,2,4,5-tetramethyl-

CAS No. 527-53-7 Benzene, 1,2,3,5-tetramethyl-

CAS No. 611-15-4 Benzene, 1-ethenyl-2-methyl-

CAS No. 2870-04-4 Benzene, 2-ethyl-1,3-dimethyl-

E52N5

CAS No. 103-65-1 Benzene, propyl-

CAS No. 527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-

CAS No. 611-14-3 Benzene, 1-ethyl-2-methyl-

CAS No. 1758-88-9 Benzene, 2-ethyl-1,4-dimethyl-

E52N5, E52N6

Case Number: 41580
Site Name: SE Rockford GW Contamination (IL)

Page 6 of 7
SDG Number: E52N5
Laboratory: ALS Laboratory Group

CAS No. 108-67-8 Benzene, 1,3,5-trimethyl-
E52N5, E52N5DL, E52N6

CAS No. 526-73-8 Benzene, 1,2,3-trimethyl-
E52N5, E52N6, E52N6DL

CAS No. 874-41-9 Benzene, 1-ethyl-2,4-dimethyl-
CAS No. 933-98-2 Benzene, 1-ethyl-2,3-dimethyl-
CAS No. 1587-04-8 Benzene, 1-methyl-2-(2-propenyl)-
E52N6

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

12. ADDITIONAL INFORMATION

The following volatile samples have compound concentrations which exceed the instruments calibration range. The detected results are qualified "J". The results from the diluted analyses should be considered the final concentrations for the affected compounds.

E52N5, E52N6
Ethylbenzene, m,p-Xylene

Since the compound, Toluene, detected in the holding blank, VHBLKW1, was most probably caused by carryover from sample, E52N5, the field samples were not compared against the holding blank.

Case Number: 41580
Site Name: SE Rockford GW Contamination (IL)

Page 7 of 7
SDG Number: E52N5
Laboratory: ALS Laboratory Group

CADRE Data Qualifier Sheet

<u>Qualifiers</u>	<u>Data Qualifier Definitions</u>
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Sample Summary Report

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATAAC
Sample Number:	E52L5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW001-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	09:05:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1- Dichloroethene	11	ug/L	1.0			Yes	
1,1,2-Trichloro- 1,2,2- trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2- Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1- Dichloroethane	21	ug/L	1.0			Yes	
cis-1,2- Dichloroethene	7.9	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1- Trichloroethane	230	ug/L	1.0	E	J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2- Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	6.1	ug/L	1.0			Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.41	ug/L	1.0	J	J	Yes	
Tetrachloroethene	3.7	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.25	ug/L	1.0	J	J	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA
Sample Number:	E52L5DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW001-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	09:05:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	10	ug/L	2.0	U	U	Yes	
Chloromethane	10	ug/L	2.0	U	U	Yes	
Vinyl chloride	10	ug/L	2.0	U	U	Yes	
Bromomethane	10	ug/L	2.0	U	U	Yes	
Chloroethane	10	ug/L	2.0	U	U	Yes	
Trichlorofluorom ethane	10	ug/L	2.0	U	U	Yes	
1,1-Dichloroethene	11	ug/L	2.0	D		Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	ug/L	2.0	U	U	Yes	
Acetone	40	ug/L	2.0	JDB	U	Yes	
Carbon disulfide	10	ug/L	2.0	U	U	Yes	
Methyl acetate	10	ug/L	2.0	U	U	Yes	
Methylene chloride	10	ug/L	2.0	U	U	Yes	
trans-1,2-Dichloroethene	10	ug/L	2.0	U	U	Yes	
Methyl tert-butyl ether	10	ug/L	2.0	U	U	Yes	
1,1-Dichloroethane	20	ug/L	2.0	D		Yes	
cis-1,2-Dichloroethene	7.6	ug/L	2.0	JD	J	Yes	
2-Butanone	20	ug/L	2.0	U	U	Yes	
Bromochloromet hane	10	ug/L	2.0	U	U	Yes	
Chloroform	10	ug/L	2.0	U	U	Yes	
1,1,1-Trichloroethane	210	ug/L	2.0	D		Yes	
Cyclohexane	10	ug/L	2.0	U	U	Yes	
Carbon tetrachloride	10	ug/L	2.0	U	U	Yes	
Benzene	10	ug/L	2.0	U	U	Yes	
1,2-Dichloroethane	10	ug/L	2.0	U	U	Yes	
1,4-Dioxane	200	ug/L	2.0	U	R	Yes	
Trichloroethene	5.7	ug/L	2.0	JD	J	Yes	
Methylcyclohexa ne	10	ug/L	2.0	U	U	Yes	
1,2-Dichloropropane	10	ug/L	2.0	U	U	Yes	
Bromodichlorom	10	ug/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	10	ug/L	2.0	U	U	Yes	
cis-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	
4-Methyl-2-Pentanone	20	ug/L	2.0	U	U	Yes	
Toluene	10	ug/L	2.0	U	U	Yes	
trans-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	10	ug/L	2.0	U	U	Yes	
Tetrachloroethene	3.3	ug/L	2.0	JD	J	Yes	
2-Hexanone	20	ug/L	2.0	U	U	Yes	
Dibromochloroethane	10	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	10	ug/L	2.0	U	U	Yes	
Chlorobenzene	10	ug/L	2.0	U	U	Yes	
Ethylbenzene	10	ug/L	2.0	U	U	Yes	
o-Xylene	10	ug/L	2.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	2.0	JD	J	Yes	
Styrene	10	ug/L	2.0	U	U	Yes	
Bromoform	10	ug/L	2.0	U	U	Yes	
Isopropylbenzene	10	ug/L	2.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	10	ug/L	2.0	U	U	Yes	
1,3-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	10	ug/L	2.0	U	U	Yes	
1,2,4-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2,3-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52L6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW005-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	10:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	3.6	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	13	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	4.6	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	38	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	1.4	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.40	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.18	ug/L	1.0	J	J	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.31	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52L7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW005-110720-D	pH:	1.0	Sample Date:	07202011	Sample Time:	10:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	3.8	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	13	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	4.7	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	38	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	1.4	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.41	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.23	ug/L	1.0	J	J	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.49	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52L8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-TB001-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	10:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	10	ug/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52L9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW001-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	08:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	2.0	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.3	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.2	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	14	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	0.41	ug/L	1.0	J	J	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.1	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.40	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATAAC
Sample Number:	E52M0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW002-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	12:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	3.1	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	9.1	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.2	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	77	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.4	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.64	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW003-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	12:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	10	ug/L	2.0	U	U	Yes	
Chloromethane	10	ug/L	2.0	U	U	Yes	
Vinyl chloride	10	ug/L	2.0	U	U	Yes	
Bromomethane	10	ug/L	2.0	U	U	Yes	
Chloroethane	10	ug/L	2.0	U	U	Yes	
Trichlorofluorom ethane	10	ug/L	2.0	U	U	Yes	
1,1-Dichloroethene	27	ug/L	2.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	ug/L	2.0	U	U	Yes	
Acetone	40	ug/L	2.0	JB	U	Yes	
Carbon disulfide	10	ug/L	2.0	U	U	Yes	
Methyl acetate	10	ug/L	2.0	U	U	Yes	
Methylene chloride	10	ug/L	2.0	U	U	Yes	
trans-1,2-Dichloroethene	10	ug/L	2.0	U	U	Yes	
Methyl tert-butyl ether	10	ug/L	2.0	U	U	Yes	
1,1-Dichloroethane	23	ug/L	2.0			Yes	
cis-1,2-Dichloroethene	4.6	ug/L	2.0	J	J	Yes	
2-Butanone	20	ug/L	2.0	U	U	Yes	
Bromochloromet hane	10	ug/L	2.0	U	U	Yes	
Chloroform	10	ug/L	2.0	U	U	Yes	
1,1,1-Trichloroethane	1400	ug/L	2.0	E	J	Yes	
Cyclohexane	10	ug/L	2.0	U	U	Yes	
Carbon tetrachloride	10	ug/L	2.0	U	U	Yes	
Benzene	10	ug/L	2.0	U	U	Yes	
1,2-Dichloroethane	10	ug/L	2.0	U	U	Yes	
1,4-Dioxane	200	ug/L	2.0	U	R	Yes	
Trichloroethene	6.6	ug/L	2.0	J	J	Yes	
Methylcyclohexa ne	10	ug/L	2.0	U	U	Yes	
1,2-Dichloropropane	10	ug/L	2.0	U	U	Yes	
Bromodichlorom	10	ug/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	10	ug/L	2.0	U	U	Yes	
cis-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	
4-Methyl-2-Pentanone	20	ug/L	2.0	U	U	Yes	
Toluene	0.65	ug/L	2.0	J	J	Yes	
trans-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	10	ug/L	2.0	U	U	Yes	
Tetrachloroethene	2.1	ug/L	2.0	J	J	Yes	
2-Hexanone	20	ug/L	2.0	U	U	Yes	
Dibromochloroethane	10	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	10	ug/L	2.0	U	U	Yes	
Chlorobenzene	10	ug/L	2.0	U	U	Yes	
Ethylbenzene	0.71	ug/L	2.0	J	J	Yes	
o-Xylene	2.1	ug/L	2.0	J	J	Yes	
m,p-Xylene	2.3	ug/L	2.0	J	J	Yes	
Styrene	10	ug/L	2.0	U	U	Yes	
Bromoform	10	ug/L	2.0	U	U	Yes	
Isopropylbenzene	0.54	ug/L	2.0	J	J	Yes	
1,1,2,2-Tetrachloroethane	10	ug/L	2.0	U	U	Yes	
1,3-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	10	ug/L	2.0	U	U	Yes	
1,2,4-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2,3-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA
Sample Number:	E52M1DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW003-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	12:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	100	ug/L	20.0	U	U	Yes	
Chloromethane	100	ug/L	20.0	U	U	Yes	
Vinyl chloride	100	ug/L	20.0	U	U	Yes	
Bromomethane	100	ug/L	20.0	U	U	Yes	
Chloroethane	100	ug/L	20.0	U	U	Yes	
Trichlorofluorom ethane	100	ug/L	20.0	U	U	Yes	
1,1-Dichloroethene	100	ug/L	20.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	100	ug/L	20.0	U	U	Yes	
Acetone	200	ug/L	20.0	U	U	Yes	
Carbon disulfide	100	ug/L	20.0	U	U	Yes	
Methyl acetate	100	ug/L	20.0	U	U	Yes	
Methylene chloride	100	ug/L	20.0	U	U	Yes	
trans-1,2-Dichloroethene	100	ug/L	20.0	U	U	Yes	
Methyl tert-butyl ether	100	ug/L	20.0	U	U	Yes	
1,1-Dichloroethane	23	ug/L	20.0	JD	J	Yes	
cis-1,2-Dichloroethene	100	ug/L	20.0	U	U	Yes	
2-Butanone	200	ug/L	20.0	U	U	Yes	
Bromochloromet hane	100	ug/L	20.0	U	U	Yes	
Chloroform	100	ug/L	20.0	U	U	Yes	
1,1,1-Trichloroethane	1200	ug/L	20.0	D		Yes	
Cyclohexane	100	ug/L	20.0	U	U	Yes	
Carbon tetrachloride	100	ug/L	20.0	U	U	Yes	
Benzene	100	ug/L	20.0	U	U	Yes	
1,2-Dichloroethane	100	ug/L	20.0	U	U	Yes	
1,4-Dioxane	2000	ug/L	20.0	U	R	Yes	
Trichloroethene	9.1	ug/L	20.0	JD	J	Yes	
Methylcyclohexa ne	100	ug/L	20.0	U	U	Yes	
1,2-Dichloropropane	100	ug/L	20.0	U	U	Yes	
Bromodichlorom	100	ug/L	20.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	100	ug/L	20.0	U	U	Yes	
cis-1,3-Dichloropropene	100	ug/L	20.0	U	U	Yes	
4-Methyl-2-Pentanone	200	ug/L	20.0	U	U	Yes	
Toluene	100	ug/L	20.0	U	U	Yes	
trans-1,3-Dichloropropene	100	ug/L	20.0	U	U	Yes	
1,1,2-Trichloroethane	100	ug/L	20.0	U	U	Yes	
Tetrachloroethene	26	ug/L	20.0	JD	J	Yes	
2-Hexanone	200	ug/L	20.0	U	U	Yes	
Dibromochloromethane	100	ug/L	20.0	U	U	Yes	
1,2-Dibromoethane	100	ug/L	20.0	U	U	Yes	
Chlorobenzene	100	ug/L	20.0	U	U	Yes	
Ethylbenzene	100	ug/L	20.0	U	U	Yes	
o-Xylene	100	ug/L	20.0	U	U	Yes	
m,p-Xylene	100	ug/L	20.0	U	U	Yes	
Styrene	100	ug/L	20.0	U	U	Yes	
Bromoform	100	ug/L	20.0	U	U	Yes	
Isopropylbenzene	100	ug/L	20.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	100	ug/L	20.0	U	U	Yes	
1,3-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,4-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	100	ug/L	20.0	U	U	Yes	
1,2,4-Trichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2,3-Trichlorobenzene	100	ug/L	20.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-FB001-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	12:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	0.63	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	0.31	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022A-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	14:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	15	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022B-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.4	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	2.8	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	4.4	ug/L	1.0	J	J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	1.2	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.32	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.15	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW032-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	09:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.63	ug/L	1.0	J	J	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	7.5	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	7.3	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	8.3	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.1	ug/L	1.0			Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.54	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW130A-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	17:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	13	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	4.5	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	140	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.8	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	J	J	Yes	
Tetrachloroethene	0.61	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW130B-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	16:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	2.1	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.2	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.3	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	20	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	1.7	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.41	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401A-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.3	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.4	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	4.7	ug/L	1.0	J	J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	1.7	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.28	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.17	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52M9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401A-110719-D	pH:	1.0	Sample Date:	07192011	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	1.7	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.4	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.4	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	4.7	ug/L	1.0	J	J	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	1.7	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.28	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.27	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52N0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401B-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	1.9	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.6	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	4.0	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	6.3	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.5	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.34	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52N0MS	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401B-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	50	ug/L	1.0			Yes	
Benzene	51	ug/L	1.0			Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	51	ug/L	1.0			Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Toluene	51	ug/L	1.0			Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	51	ug/L	1.0			Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	0.53	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.6	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.4	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.4	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.33	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52N0MSD	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401B-110719	pH:	1.0	Sample Date:	07192011	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	50	ug/L	1.0			Yes	
Benzene	52	ug/L	1.0			Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	52	ug/L	1.0			Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Toluene	52	ug/L	1.0			Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	52	ug/L	1.0			Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	0.52	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.0	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	J	J	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.6	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.39	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA
Sample Number:	E52N1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW004A-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	14:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	1000	ug/L	200.0	U	U	Yes	
Chloromethane	1000	ug/L	200.0	U	U	Yes	
Vinyl chloride	1000	ug/L	200.0	U	U	Yes	
Bromomethane	1000	ug/L	200.0	U	U	Yes	
Chloroethane	1000	ug/L	200.0	U	U	Yes	
Trichlorofluorom ethane	1000	ug/L	200.0	U	U	Yes	
1,1-Dichloroethene	1000	ug/L	200.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	ug/L	200.0	U	U	Yes	
Acetone	4000	ug/L	200.0	JB	U	Yes	
Carbon disulfide	1000	ug/L	200.0	U	U	Yes	
Methyl acetate	1000	ug/L	200.0	U	U	Yes	
Methylene chloride	2000	ug/L	200.0	J	U	Yes	
trans-1,2-Dichloroethene	1000	ug/L	200.0	U	U	Yes	
Methyl tert-butyl ether	1000	ug/L	200.0	U	U	Yes	
1,1-Dichloroethane	1000	ug/L	200.0	U	U	Yes	
cis-1,2-Dichloroethene	1000	ug/L	200.0	U	U	Yes	
2-Butanone	2000	ug/L	200.0	U	U	Yes	
Bromochloromet hane	1000	ug/L	200.0	U	U	Yes	
Chloroform	1000	ug/L	200.0	U	U	Yes	
1,1,1-Trichloroethane	1000	ug/L	200.0	U	U	Yes	
Cyclohexane	1000	ug/L	200.0	U	U	Yes	
Carbon tetrachloride	1000	ug/L	200.0	U	U	Yes	
Benzene	1000	ug/L	200.0	U	U	Yes	
1,2-Dichloroethane	1000	ug/L	200.0	U	U	Yes	
1,4-Dioxane	20000	ug/L	200.0	U	R	Yes	
Trichloroethene	1000	ug/L	200.0	U	U	Yes	
Methylcyclohexa ne	1000	ug/L	200.0	U	U	Yes	
1,2-Dichloropropane	1000	ug/L	200.0	U	U	Yes	
Bromodichlorom	1000	ug/L	200.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	1000	ug/L	200.0	U	U	Yes	
cis-1,3-Dichloropropene	1000	ug/L	200.0	U	U	Yes	
4-Methyl-2-Pentanone	2000	ug/L	200.0	U	U	Yes	
Toluene	170000	ug/L	200.0	E	J	Yes	
trans-1,3-Dichloropropene	1000	ug/L	200.0	U	U	Yes	
1,1,2-Trichloroethane	1000	ug/L	200.0	U	U	Yes	
Tetrachloroethene	1000	ug/L	200.0	U	U	Yes	
2-Hexanone	2000	ug/L	200.0	U	U	Yes	
Dibromochloroethane	1000	ug/L	200.0	U	U	Yes	
1,2-Dibromoethane	1000	ug/L	200.0	U	U	Yes	
Chlorobenzene	1000	ug/L	200.0	U	U	Yes	
Ethylbenzene	240	ug/L	200.0	J	J	Yes	
o-Xylene	59	ug/L	200.0	J	J	Yes	
m,p-Xylene	360	ug/L	200.0	J	J	Yes	
Styrene	1000	ug/L	200.0	U	U	Yes	
Bromoform	1000	ug/L	200.0	U	U	Yes	
Isopropylbenzene	1000	ug/L	200.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	1000	ug/L	200.0	U	U	Yes	
1,3-Dichlorobenzene	1000	ug/L	200.0	U	U	Yes	
1,4-Dichlorobenzene	1000	ug/L	200.0	U	U	Yes	
1,2-Dichlorobenzene	1000	ug/L	200.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	1000	ug/L	200.0	U	U	Yes	
1,2,4-Trichlorobenzene	1000	ug/L	200.0	U	U	Yes	
1,2,3-Trichlorobenzene	1000	ug/L	200.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52N1DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW004A-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	14:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	10000	ug/L	2000.0	U	U	Yes	
Chloromethane	10000	ug/L	2000.0	U	U	Yes	
Vinyl chloride	10000	ug/L	2000.0	U	U	Yes	
Bromomethane	10000	ug/L	2000.0	U	U	Yes	
Chloroethane	10000	ug/L	2000.0	U	U	Yes	
Trichlorofluorom ethane	10000	ug/L	2000.0	U	U	Yes	
1,1-Dichloroethene	10000	ug/L	2000.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	10000	ug/L	2000.0	U	U	Yes	
Acetone	20000	ug/L	2000.0	U	U	Yes	
Carbon disulfide	10000	ug/L	2000.0	U	U	Yes	
Methyl acetate	10000	ug/L	2000.0	U	U	Yes	
Methylene chloride	10000	ug/L	2000.0	U	U	Yes	
trans-1,2-Dichloroethene	10000	ug/L	2000.0	U	U	Yes	
Methyl tert-butyl ether	10000	ug/L	2000.0	U	U	Yes	
1,1-Dichloroethane	10000	ug/L	2000.0	U	U	Yes	
cis-1,2-Dichloroethene	10000	ug/L	2000.0	U	U	Yes	
2-Butanone	20000	ug/L	2000.0	U	U	Yes	
Bromochloromet hane	10000	ug/L	2000.0	U	U	Yes	
Chloroform	10000	ug/L	2000.0	U	U	Yes	
1,1,1-Trichloroethane	10000	ug/L	2000.0	U	U	Yes	
Cyclohexane	10000	ug/L	2000.0	U	U	Yes	
Carbon tetrachloride	10000	ug/L	2000.0	U	U	Yes	
Benzene	10000	ug/L	2000.0	U	U	Yes	
1,2-Dichloroethane	10000	ug/L	2000.0	U	U	Yes	
1,4-Dioxane	200000	ug/L	2000.0	U	R	Yes	
Trichloroethene	10000	ug/L	2000.0	U	U	Yes	
Methylcyclohexa ne	10000	ug/L	2000.0	U	U	Yes	
1,2-Dichloropropane	10000	ug/L	2000.0	U	U	Yes	
Bromodichlorom	10000	ug/L	2000.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	10000	ug/L	2000.0	U	U	Yes	
cis-1,3-Dichloropropene	10000	ug/L	2000.0	U	U	Yes	
4-Methyl-2-Pentanone	20000	ug/L	2000.0	U	U	Yes	
Toluene	200000	ug/L	2000.0	D		Yes	
trans-1,3-Dichloropropene	10000	ug/L	2000.0	U	U	Yes	
1,1,2-Trichloroethane	10000	ug/L	2000.0	U	U	Yes	
Tetrachloroethene	10000	ug/L	2000.0	U	U	Yes	
2-Hexanone	20000	ug/L	2000.0	U	U	Yes	
Dibromochloroethane	10000	ug/L	2000.0	U	U	Yes	
1,2-Dibromoethane	10000	ug/L	2000.0	U	U	Yes	
Chlorobenzene	10000	ug/L	2000.0	U	U	Yes	
Ethylbenzene	320	ug/L	2000.0	JD	J	Yes	
o-Xylene	10000	ug/L	2000.0	U	U	Yes	
m,p-Xylene	430	ug/L	2000.0	JD	J	Yes	
Styrene	10000	ug/L	2000.0	U	U	Yes	
Bromoform	10000	ug/L	2000.0	U	U	Yes	
Isopropylbenzene	10000	ug/L	2000.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	10000	ug/L	2000.0	U	U	Yes	
1,3-Dichlorobenzene	10000	ug/L	2000.0	U	U	Yes	
1,4-Dichlorobenzene	10000	ug/L	2000.0	U	U	Yes	
1,2-Dichlorobenzene	10000	ug/L	2000.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	10000	ug/L	2000.0	U	U	Yes	
1,2,4-Trichlorobenzene	10000	ug/L	2000.0	U	U	Yes	
1,2,3-Trichlorobenzene	10000	ug/L	2000.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52N2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW004B-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.3	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	10	ug/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	13	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	5.1	ug/L	1.0			Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	98	ug/L	1.0			Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	2.7	ug/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.40	ug/L	1.0	J	J	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52N3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW006-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	12:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	10	ug/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	2.9	ug/L	1.0	J	J	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.73	ug/L	1.0	J	J	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.21	ug/L	1.0	J	J	Yes	
o-Xylene	0.10	ug/L	1.0	J	J	Yes	
m,p-Xylene	0.61	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	E52N4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-FB001-110720	pH:	1.0	Sample Date:	07202011	Sample Time:	09:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	0.47	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	VBLKW1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	2.9	ug/L	1.0	J	J	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	0.33	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	VBLKW2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	2.1	ug/L	1.0	J	J	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52L5	Lab Code:	DATA C
Sample Number:	VHBLKW1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	0.43	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Sample Summary Report

Case No:	41580	Contract:	EPW11037	SDG No:	E52N5	Lab Code:	DATAAC
Sample Number:	E52N5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW002-110721	pH:	1.0	Sample Date:	07212011	Sample Time:	08:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	50	ug/L	10.0	U	U	Yes	
Chloromethane	50	ug/L	10.0	U	U	Yes	
Vinyl chloride	50	ug/L	10.0	U	U	Yes	
Bromomethane	50	ug/L	10.0	U	U	Yes	
Chloroethane	50	ug/L	10.0	U	U	Yes	
Trichlorofluorom ethane	50	ug/L	10.0	U	U	Yes	
1,1-Dichloroethene	50	ug/L	10.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	50	ug/L	10.0	U	U	Yes	
Acetone	100	ug/L	10.0	U	U	Yes	
Carbon disulfide	50	ug/L	10.0	U	U	Yes	
Methyl acetate	50	ug/L	10.0	U	U	Yes	
Methylene chloride	50	ug/L	10.0	U	U	Yes	
trans-1,2-Dichloroethene	50	ug/L	10.0	U	U	Yes	
Methyl tert-butyl ether	50	ug/L	10.0	U	U	Yes	
1,1-Dichloroethane	50	ug/L	10.0	U	U	Yes	
cis-1,2-Dichloroethene	50	ug/L	10.0	U	U	Yes	
2-Butanone	100	ug/L	10.0	U	U	Yes	
Bromochloromet hane	50	ug/L	10.0	U	U	Yes	
Chloroform	50	ug/L	10.0	U	U	Yes	
1,1,1-Trichloroethane	50	ug/L	10.0	U	U	Yes	
Cyclohexane	81	ug/L	10.0			Yes	
Carbon tetrachloride	50	ug/L	10.0	U	U	Yes	
Benzene	50	ug/L	10.0	U	U	Yes	
1,2-Dichloroethane	50	ug/L	10.0	U	U	Yes	
1,4-Dioxane	1000	ug/L	10.0	U	R	Yes	
Trichloroethene	50	ug/L	10.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Methylcyclohexane	420	ug/L	10.0			Yes	
1,2-Dichloropropane	50	ug/L	10.0	U	U	Yes	
Bromodichloromethane	50	ug/L	10.0	U	U	Yes	
cis-1,3-Dichloropropene	50	ug/L	10.0	U	U	Yes	
4-Methyl-2-Pentanone	100	ug/L	10.0	U	U	Yes	
Toluene	50	ug/L	10.0	J	U	Yes	
trans-1,3-Dichloropropene	50	ug/L	10.0	U	U	Yes	
1,1,2-Trichloroethane	50	ug/L	10.0	U	U	Yes	
Tetrachloroethene	50	ug/L	10.0	U	U	Yes	
2-Hexanone	100	ug/L	10.0	U	U	Yes	
Dibromochloromethane	50	ug/L	10.0	U	U	Yes	
1,2-Dibromoethane	50	ug/L	10.0	U	U	Yes	
Chlorobenzene	50	ug/L	10.0	U	U	Yes	
Ethylbenzene	2200	ug/L	10.0	E	J	Yes	
o-Xylene	71	ug/L	10.0			Yes	
m,p-Xylene	10000	ug/L	10.0	E	J	Yes	
Styrene	50	ug/L	10.0	U	U	Yes	
Bromoform	50	ug/L	10.0	U	U	Yes	
Isopropylbenzene	94	ug/L	10.0			Yes	
1,1,2,2-Tetrachloroethane	50	ug/L	10.0	U	U	Yes	
1,3-Dichlorobenzene	50	ug/L	10.0	U	U	Yes	
1,4-Dichlorobenzene	50	ug/L	10.0	U	U	Yes	
1,2-Dichlorobenzene	50	ug/L	10.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	50	ug/L	10.0	U	U	Yes	
1,2,4-Trichlorobenzene	50	ug/L	10.0	U	U	Yes	
1,2,3-Trichlorobenzene	50	ug/L	10.0	U	U	Yes	
Total Alkanes			10.0	JN		Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52N5	Lab Code:	DATAAC
Sample Number:	E52N5DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW002-110721	pH:	1.0	Sample Date:	07212011	Sample Time:	08:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	500	ug/L	100.0	U	U	Yes	
Chloromethane	500	ug/L	100.0	U	U	Yes	
Vinyl chloride	500	ug/L	100.0	U	U	Yes	
Bromomethane	500	ug/L	100.0	U	U	Yes	
Chloroethane	500	ug/L	100.0	U	U	Yes	
Trichlorofluorom ethane	500	ug/L	100.0	U	U	Yes	
1,1-Dichloroethene	500	ug/L	100.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	ug/L	100.0	U	U	Yes	
Acetone	2000	ug/L	100.0	JDB	U	Yes	
Carbon disulfide	500	ug/L	100.0	U	U	Yes	
Methyl acetate	500	ug/L	100.0	U	U	Yes	
Methylene chloride	32	ug/L	100.0	JD	J	Yes	
trans-1,2-Dichloroethene	500	ug/L	100.0	U	U	Yes	
Methyl tert-butyl ether	500	ug/L	100.0	U	U	Yes	
1,1-Dichloroethane	500	ug/L	100.0	U	U	Yes	
cis-1,2-Dichloroethene	500	ug/L	100.0	U	U	Yes	
2-Butanone	1000	ug/L	100.0	U	U	Yes	
Bromochloromet hane	500	ug/L	100.0	U	U	Yes	
Chloroform	500	ug/L	100.0	U	U	Yes	
1,1,1-Trichloroethane	500	ug/L	100.0	U	U	Yes	
Cyclohexane	500	ug/L	100.0	U	U	Yes	
Carbon tetrachloride	500	ug/L	100.0	U	U	Yes	
Benzene	500	ug/L	100.0	U	U	Yes	
1,2-Dichloroethane	500	ug/L	100.0	U	U	Yes	
1,4-Dioxane	10000	ug/L	100.0	U	R	Yes	
Trichloroethene	500	ug/L	100.0	U	U	Yes	
Methylcyclohexa ne	400	ug/L	100.0	JD	J	Yes	
1,2-Dichloropropane	500	ug/L	100.0	U	U	Yes	
Bromodichlorom	500	ug/L	100.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	500	ug/L	100.0	U	U	Yes	
cis-1,3-Dichloropropene	500	ug/L	100.0	U	U	Yes	
4-Methyl-2-Pentanone	1000	ug/L	100.0	U	U	Yes	
Toluene	500	ug/L	100.0	JD	U	Yes	
trans-1,3-Dichloropropene	500	ug/L	100.0	U	U	Yes	
1,1,2-Trichloroethane	500	ug/L	100.0	U	U	Yes	
Tetrachloroethene	500	ug/L	100.0	U	U	Yes	
2-Hexanone	1000	ug/L	100.0	U	U	Yes	
Dibromochloromethane	500	ug/L	100.0	U	U	Yes	
1,2-Dibromoethane	500	ug/L	100.0	U	U	Yes	
Chlorobenzene	500	ug/L	100.0	U	U	Yes	
Ethylbenzene	2000	ug/L	100.0	D		Yes	
o-Xylene	67	ug/L	100.0	JD	J	Yes	
m,p-Xylene	8300	ug/L	100.0	D		Yes	
Styrene	500	ug/L	100.0	U	U	Yes	
Bromoform	500	ug/L	100.0	U	U	Yes	
Isopropylbenzene	88	ug/L	100.0	JD	J	Yes	
1,1,2,2-Tetrachloroethane	500	ug/L	100.0	U	U	Yes	
1,3-Dichlorobenzene	500	ug/L	100.0	U	U	Yes	
1,4-Dichlorobenzene	500	ug/L	100.0	U	U	Yes	
1,2-Dichlorobenzene	500	ug/L	100.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	500	ug/L	100.0	U	U	Yes	
1,2,4-Trichlorobenzene	500	ug/L	100.0	U	U	Yes	
1,2,3-Trichlorobenzene	500	ug/L	100.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52N5	Lab Code:	DATAAC
Sample Number:	E52N6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW003-110721	pH:	1.0	Sample Date:	07212011	Sample Time:	08:35:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	10	ug/L	2.0	U	U	Yes	
Chloromethane	10	ug/L	2.0	U	U	Yes	
Vinyl chloride	10	ug/L	2.0	U	U	Yes	
Bromomethane	10	ug/L	2.0	U	U	Yes	
Chloroethane	10	ug/L	2.0	U	U	Yes	
Trichlorofluorom ethane	10	ug/L	2.0	U	U	Yes	
1,1-Dichloroethene	10	ug/L	2.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	ug/L	2.0	U	U	Yes	
Acetone	40	ug/L	2.0	JB	U	Yes	
Carbon disulfide	10	ug/L	2.0	U	U	Yes	
Methyl acetate	10	ug/L	2.0	U	U	Yes	
Methylene chloride	0.65	ug/L	2.0	J	J	Yes	
trans-1,2-Dichloroethene	10	ug/L	2.0	U	U	Yes	
Methyl tert-butyl ether	10	ug/L	2.0	U	U	Yes	
1,1-Dichloroethane	20	ug/L	2.0			Yes	
cis-1,2-Dichloroethene	2.7	ug/L	2.0	J	J	Yes	
2-Butanone	20	ug/L	2.0	U	U	Yes	
Bromochloromet hane	10	ug/L	2.0	U	U	Yes	
Chloroform	10	ug/L	2.0	U	U	Yes	
1,1,1-Trichloroethane	27	ug/L	2.0			Yes	
Cyclohexane	4.7	ug/L	2.0	J	J	Yes	
Carbon tetrachloride	10	ug/L	2.0	U	U	Yes	
Benzene	10	ug/L	2.0	U	U	Yes	
1,2-Dichloroethane	10	ug/L	2.0	U	U	Yes	
1,4-Dioxane	200	ug/L	2.0	U	R	Yes	
Trichloroethene	10	ug/L	2.0	U	U	Yes	
Methylcyclohexa ne	35	ug/L	2.0			Yes	
1,2-Dichloropropane	10	ug/L	2.0	U	U	Yes	
Bromodichlorom	10	ug/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	10	ug/L	2.0	U	U	Yes	
cis-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	
4-Methyl-2-Pentanone	20	ug/L	2.0	U	U	Yes	
Toluene	10	ug/L	2.0	J	U	Yes	
trans-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	10	ug/L	2.0	U	U	Yes	
Tetrachloroethene	10	ug/L	2.0	U	U	Yes	
2-Hexanone	20	ug/L	2.0	U	U	Yes	
Dibromochloroethane	10	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	10	ug/L	2.0	U	U	Yes	
Chlorobenzene	10	ug/L	2.0	U	U	Yes	
Ethylbenzene	450	ug/L	2.0	E	J	Yes	
o-Xylene	3.2	ug/L	2.0	J	J	Yes	
m,p-Xylene	3600	ug/L	2.0	E	J	Yes	
Styrene	10	ug/L	2.0	U	U	Yes	
Bromoform	10	ug/L	2.0	U	U	Yes	
Isopropylbenzene	31	ug/L	2.0			Yes	
1,1,2,2-Tetrachloroethane	10	ug/L	2.0	U	U	Yes	
1,3-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	10	ug/L	2.0	U	U	Yes	
1,2,4-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2,3-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	
Total Alkanes			2.0	JN		Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52N5	Lab Code:	DATAAC
Sample Number:	E52N6DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-MW003-110721	pH:	1.0	Sample Date:	07212011	Sample Time:	08:35:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	100	ug/L	20.0	U	U	Yes	
Chloromethane	100	ug/L	20.0	U	U	Yes	
Vinyl chloride	100	ug/L	20.0	U	U	Yes	
Bromomethane	100	ug/L	20.0	U	U	Yes	
Chloroethane	100	ug/L	20.0	U	U	Yes	
Trichlorofluorom ethane	100	ug/L	20.0	U	U	Yes	
1,1-Dichloroethene	100	ug/L	20.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	100	ug/L	20.0	U	U	Yes	
Acetone	200	ug/L	20.0	U	U	Yes	
Carbon disulfide	100	ug/L	20.0	U	U	Yes	
Methyl acetate	100	ug/L	20.0	U	U	Yes	
Methylene chloride	100	ug/L	20.0	U	U	Yes	
trans-1,2-Dichloroethene	100	ug/L	20.0	U	U	Yes	
Methyl tert-butyl ether	100	ug/L	20.0	U	U	Yes	
1,1-Dichloroethane	100	ug/L	20.0	U	U	Yes	
cis-1,2-Dichloroethene	100	ug/L	20.0	U	U	Yes	
2-Butanone	200	ug/L	20.0	U	U	Yes	
Bromochloromet hane	100	ug/L	20.0	U	U	Yes	
Chloroform	100	ug/L	20.0	U	U	Yes	
1,1,1-Trichloroethane	25	ug/L	20.0	JD	J	Yes	
Cyclohexane	100	ug/L	20.0	U	U	Yes	
Carbon tetrachloride	100	ug/L	20.0	U	U	Yes	
Benzene	100	ug/L	20.0	U	U	Yes	
1,2-Dichloroethane	100	ug/L	20.0	U	U	Yes	
1,4-Dioxane	2000	ug/L	20.0	U	R	Yes	
Trichloroethene	100	ug/L	20.0	U	U	Yes	
Methylcyclohexa ne	33	ug/L	20.0	JD	J	Yes	
1,2-Dichloropropane	100	ug/L	20.0	U	U	Yes	
Bromodichlorom	100	ug/L	20.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	100	ug/L	20.0	U	U	Yes	
cis-1,3-Dichloropropene	100	ug/L	20.0	U	U	Yes	
4-Methyl-2-Pentanone	200	ug/L	20.0	U	U	Yes	
Toluene	100	ug/L	20.0	U	U	Yes	
trans-1,3-Dichloropropene	100	ug/L	20.0	U	U	Yes	
1,1,2-Trichloroethane	100	ug/L	20.0	U	U	Yes	
Tetrachloroethene	100	ug/L	20.0	U	U	Yes	
2-Hexanone	200	ug/L	20.0	U	U	Yes	
Dibromochloroethane	100	ug/L	20.0	U	U	Yes	
1,2-Dibromoethane	100	ug/L	20.0	U	U	Yes	
Chlorobenzene	100	ug/L	20.0	U	U	Yes	
Ethylbenzene	420	ug/L	20.0	D		Yes	
o-Xylene	2.2	ug/L	20.0	JD	J	Yes	
m,p-Xylene	3000	ug/L	20.0	D		Yes	
Styrene	100	ug/L	20.0	U	U	Yes	
Bromoform	100	ug/L	20.0	U	U	Yes	
Isopropylbenzene	29	ug/L	20.0	JD	J	Yes	
1,1,2,2-Tetrachloroethane	100	ug/L	20.0	U	U	Yes	
1,3-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,4-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	100	ug/L	20.0	U	U	Yes	
1,2,4-Trichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2,3-Trichlorobenzene	100	ug/L	20.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52N5	Lab Code:	DATAAC
Sample Number:	E52N7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A11-TB002-110721	pH:	1.0	Sample Date:	07212011	Sample Time:	10:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	0.61	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.14	ug/L	1.0	J	J	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.94	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52N5	Lab Code:	DATAAC
Sample Number:	VBLKW1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	2.1	ug/L	1.0	J	J	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Case No:	41580	Contract:	EPW11037	SDG No:	E52N5	Lab Code:	DATAAC
Sample Number:	VHBLKW1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	JB	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
Bromodichlorom	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.71	ug/L	1.0	J	J	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	

Appendix B – Analytical Data

Third Quarter, October 2011

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Review of Data
Received for Review on: Nov 1, 2011

FROM: Timothy Prendiville, Supervisor (SR-6J)
Superfund Field Services Section

TO: Data User: CDM

Level 3 Data Validation

We have reviewed the data for the following case:

SITE Name: SE Rockford GW Contamination (IL)

Case Number: 41863

SDG Number: E52P7

Number and Type of Samples: 20 water Samples (VOA)

Sample Numbers: E52P7-E52P9; E52Q0-E52Q9; E52R0-E52R6

Laboratory: KAP Technologies

Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-5J

Case Number: 41863
Site Name: RSE Rockford GW Contamination (IL)

Page 2 of 10
SDG Number: E52P7
Laboratory: KAP Technologies

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Twenty (20) water samples labeled E52P7 through E52P9; E52Q0 through E52Q9; and E52R0 through E52R6 were shipped to KAP Technologies, in The Woodlands, TX. Seventeen (17) samples; E52P7 through E52P9; E52Q0, E52Q2 through E52Q9; E52R0, E52R3, E52R4 and E52R5, were collected on 10/11/2011 and four (4) samples; E52Q1, E52R1, E52R2 and E52R6, were collected on 10/12/11. All samples were received on 10/13/11 intact and properly cooled.

All samples were analyzed according to CLP SOW SOM01.2 and reviewed according to the NFG for SOM01.2 and the SOP for ESAT 5/TechLaw Validation of Contract Laboratory Program Organic Data (Version 2.3).

Sample E52R3 was designated by the samplers to be used for laboratory QC, i.e. MS/MSD analyses.

Samples E52Q0 and E52Q1 were identified as field blanks. Samples E52Q8 and E52Q9 are field duplicates. Samples E52R4 and E52R5 are field duplicates. Sample E52R6 is a trip blank

1. HOLDING TIME

No Problems Found

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No Problems Found

3. CALIBRATION

The following volatile samples are associated with an opening CCV in which a DMC exceeded percent difference (%D) criteria. Detected and non-detected compounds are not qualified.

E52P7, E52P8, E52Q0, E52Q1, E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q7,
E52Q8, E52Q9, E52R0, E52R2, VBLK5Q
1,1-Dichloroethene-d2

4. BLANKS

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to 2x the CRQL.

Methylene chloride
E52P9, E52P9DL, E52Q6DL

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated trip blank common contaminant concentration is greater than 2x the concentration criteria. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to 2x the CRQL.

Methylene chloride
E52P7, E52P8, E52Q0, E52Q1, E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q7,
E52Q8, E52Q9, E52R0, E52R2, E52R3

The following volatile samples have common contaminant analyte concentrations reported greater than 2x but less than 4x the CRQL. The associated trip blank common contaminant concentration is greater than 2x the concentration criteria. Reported sample concentrations are qualified "U". Non-detected compounds are not qualified.

Methylene chloride
E52R1, E52R4, E52R5

Case Number: 41863
Site Name: RSE Rockford GW Contamination (IL)

Page 4 of 10
SDG Number: E52P7
Laboratory: KAP Technologies

The following volatile samples have TIC concentrations reported less than 5X the associated method blank concentration. Detected compounds are re-qualified "U" and deleted from the TIC report.

Unknown @ 10.76

E52P7, E52P8, E52P9, E52P9DL, E52Q0, E52Q1, E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q6DL, E52Q7, E52Q8, E52Q9, E52R0, E52R1, E52R2, E52R3, E52R4, E52R5, E52R6

Unknown @ 11.01
VHBLK01

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are not qualified.

E52Q0, E52Q5
4-Methyl-2-pentanone, 2-Hexanone

E52Q3, E52Q7, E52R3MSD, E52R6
1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene

E52Q6
Cyclohexane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane, 4-Methyl-2-pentanone, 2-Hexanone, 1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

E52Q8
Acetone, 2-Butanone, 4-Methyl-2-pentanone, 2-Hexanone, 1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

E52R0
1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, 4-Methyl-2-pentanone, 2-Hexanone

E52R1
1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

E52R2
Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane, 1,1-Dichloroethene, Carbon disulfide, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene

Case Number: 41863
Site Name: RSE Rockford GW Contamination (IL)

Page 5 of 10
SDG Number: E52P7
Laboratory: KAP Technologies

E52R4

Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane,
Carbon disulfide

E52R5

Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane,
Carbon disulfide, 4-Methyl-2-pentanone, 2-Hexanone

The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

E52R1

1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene

E52R3MSD, E52R6

1,4-Dioxane

E52R3MS

1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,4-Dioxane

6A. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample E52R3 was designated by the samplers to be used for laboratory QC, i.e. matrix spike / matrix spike duplicate analyses.

The relative percent difference (RPD) between the following volatile matrix spike and matrix spike duplicate recoveries is outside criteria. The compound was not detected in the unspiked E52R3. Non-detected compounds are qualified "UJ".

1,1-Dichloroethene

E52R3MS, E52R3MSD

The following volatile matrix spike/matrix spike duplicate samples have percent recovery greater than or equal to the expanded lower acceptance limit but less than the primary lower acceptance limit. The compound was not detected in the unspiked E52R3. Non-detected compounds are qualified "UJ".

1,1-Dichloroethene

E52R3MS

6B. LABORATORY CONTROL SAMPLE

Not Required for this Analysis.

7. FIELD BLANK AND FIELD DUPLICATE

Sample E52R6 is identified as a trip blank. Results are summarized in the following table:

	E52R6
Volatile analytes:	µg/L
Methylene Chloride	14
# of TICs	0

E52Q0 and E52Q1 were identified as field blanks. Results are summarized in the following table:

	E52Q0	E52Q1
Volatile analytes:	µg/L	µg/L
Toluene	0	4.7
# of VOA TICs		

Sample E52Q8 was identified as a field duplicate of sample E52Q9. Results are summarized in the following table:

	E52Q8	E52Q9	%RPDs
	µg/L	µg/L	
Acetone	25	20	22%
1,1-Dichloroethane	3.7	3.8	-2.7%
1,1,1-Trichloroethane	2.7	2.9	-7.1%
# of VOA TICs	0	0	

Sample E52R4 was identified as a field duplicate of sample E52R5. Results are summarized in the following table:

	E52R4	E52R5	%RPDs
	µg/L	µg/L	
1,1-Dichloroethane	5.1	4.6	10.3%
Cis-1,2-Dichloroethene	3.2	2.7	16.9%
1,1,1-Trichloroethane	4.6	4.0	14.0%
# of VOA TICs	0	0	

Results are not qualified based upon the results of the field duplicates.

8. INTERNAL STANDARDS

No Problems Found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J.

E52P7

1,1-Dichloroethane, Toluene

E52P8

1,1-Dichloroethane

E52P9

Cis-1,2-Dichloroethene, Trichloroethene

E52Q1

Toluene

E52Q2

1,1-Dichloroethane, Toluene

E52Q3, E52Q4, E52Q5, E52Q8, E52Q9, E52R3, E52R3MS, E52R3MSD

1,1-Dichloroethane, 1,1,1-Trichloroethane

E52Q6

Toluene, Ethylbenzene, Isopropylbenzene

E52Q6DL

Acetone, cis-1,2-Dichloroethene, 1,1-Dichloroethane, m,p-Xylene

E52R0

cis-1,2-Dichloroethene, Trichloroethene

E52R1

cis-1,2-Dichloroethene

E52R4

cis-1,2-Dichloroethene, 1,1,1-Trichloroethane

E52R5

1,1-Dichloroethane, cis-1,2-Dichloroethene, 1,1,1-Trichloroethane

Case Number: 41863
Site Name: RSE Rockford GW Contamination (IL)

Page 8 of 10
SDG Number: E52P7
Laboratory: KAP Technologies

VBK5Q

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene

A library search indicates a match at or above 85% for a TIC compound in the volatile sample
Detected compounds are qualified NJ.

CAS No. 95-63-6 Benzene, 1,2,4-trimethyl-;
CAS No. 108-67-8 Benzene, 1,3,5-trimethyl-;
CAS No. 526-73-8 Benzene, 1,2,3-trimethyl-
E52P9, E52Q6, E52Q6DL

CAS No. 99-87-6 Benzene, 1-methyl-4-(1-methylethyl)-;
CAS No. 527-53-7 Benzene, 1,2,3,5-tetramethyl-;
CAS No. 527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-;
CAS No. 934-80-5 Benzene, 4-ethyl-1,2-dimethyl-
E52Q6

CAS No. 103-65-1 Benzene, propyl-;
CAS No. 496-11-7 Indane;
CAS No. 611-14-3 Benzene, 1-ethyl-2-methyl-
E52Q6, E52Q6DL

CAS No. 488-23-3 Benzene, 1,2,3,4-tetramethyl-;
CAS No. 620-14-4 Benzene, 1-ethyl-3-methyl-
E52Q6DL

A library search indicates a match below 85% for a TIC compound in the volatile sample
Detected compounds are qualified J.

Unknown-RT @ 2.71
E52P9

Unknown-RT @ 10.75
VBK5Q, VBK5S, VBK79

Unknown-RT @ 19.14
E52Q6, E52Q6DL

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

Case Number: 41863
Site Name: RSE Rockford GW Contamination (IL)

Page 9 of 10
SDG Number: E52P7
Laboratory: KAP Technologies

12. ADDITIONAL INFORMATION

The following trace volatile/volatile/semivolatile/pesticide/aroclor samples have compound concentrations which exceed the instruments calibration range. The detected results are qualified "J". The results from the diluted analyses should be considered the final concentrations for the affected compounds

E52P9, E52Q6
1,1,1-Trichloroethane

CADRE Data Qualifier Sheet

Qualifiers

Data Qualifier Definitions

U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Sample Summary Report

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW001-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	11:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1- Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro- 1,2,2- trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2- Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1- Dichloroethane	3.2	UG/L	1.0	J	J	Yes	
cis-1,2- Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1- Trichloroethane	8.9	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2- Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Methylcyclohexane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	3.1	UG/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW002-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	11:05:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	4.8	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	31	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW003-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	11:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10.0	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	13	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	3.0	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	1000	UG/L	1.0	E	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	2.8	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Benzene, 1,3,5-trimethyl-			1.0	NJ		Yes	
Benzene, 1,2,4-trimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P9DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW003-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	11:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	50	UG/L	10.0	U	U	Yes	
Chloromethane	50	UG/L	10.0	U	U	Yes	
Vinyl chloride	50	UG/L	10.0	U	U	Yes	
Bromomethane	50	UG/L	10.0	U	U	Yes	
Chloroethane	50	UG/L	10.0	U	U	Yes	
Trichlorofluorom ethane	50	UG/L	10.0	U	U	Yes	
1,1-Dichloroethene	50	UG/L	10.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	50	UG/L	10.0	U	U	Yes	
Acetone	100	UG/L	10.0	U	U	Yes	
Carbon disulfide	50	UG/L	10.0	U	U	Yes	
Methyl acetate	50	UG/L	10.0	U	U	Yes	
Methylene chloride	100	UG/L	10.0	DJB	U	Yes	
trans-1,2-Dichloroethene	50	UG/L	10.0	U	U	Yes	
Methyl tert-butyl ether	50	UG/L	10.0	U	U	Yes	
1,1-Dichloroethane	50	UG/L	10.0	U	U	Yes	
cis-1,2-Dichloroethene	50	UG/L	10.0	U	U	Yes	
2-Butanone	100	UG/L	10.0	U	U	Yes	
Bromochloromet hane	50	UG/L	10.0	U	U	Yes	
Chloroform	50	UG/L	10.0	U	U	Yes	
1,1,1-Trichloroethane	740	UG/L	10.0	D		Yes	
Cyclohexane	50	UG/L	10.0	U	U	Yes	
Carbon tetrachloride	50	UG/L	10.0	U	U	Yes	
Benzene	50	UG/L	10.0	U	U	Yes	
1,2-Dichloroethane	50	UG/L	10.0	U	U	Yes	
1,4-Dioxane	1000	UG/L	10.0	U	U	Yes	
Trichloroethene	50	UG/L	10.0	U	U	Yes	
Methylcyclohexa ne	50	UG/L	10.0	U	U	Yes	
1,2-Dichloropropane	50	UG/L	10.0	U	U	Yes	
Bromodichlorom	50	UG/L	10.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	50	UG/L	10.0	U	U	Yes	
cis-1,3-Dichloropropene	50	UG/L	10.0	U	U	Yes	
4-Methyl-2-pentanone	100	UG/L	10.0	U	U	Yes	
Toluene	50	UG/L	10.0	U	U	Yes	
trans-1,3-Dichloropropene	50	UG/L	10.0	U	U	Yes	
1,1,2-Trichloroethane	50	UG/L	10.0	U	U	Yes	
Tetrachloroethene	50	UG/L	10.0	U	U	Yes	
2-Hexanone	100	UG/L	10.0	U	U	Yes	
Dibromochloromethane	50	UG/L	10.0	U	U	Yes	
1,2-Dibromoethane	50	UG/L	10.0	U	U	Yes	
Chlorobenzene	50	UG/L	10.0	U	U	Yes	
Ethylbenzene	50	UG/L	10.0	U	U	Yes	
o-Xylene	50	UG/L	10.0	U	U	Yes	
m,p-Xylene	50	UG/L	10.0	U	U	Yes	
Styrene	50	UG/L	10.0	U	U	Yes	
Bromoform	50	UG/L	10.0	U	U	Yes	
Isopropylbenzene	50	UG/L	10.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	50	UG/L	10.0	U	U	Yes	
1,3-Dichlorobenzene	50	UG/L	10.0	U	U	Yes	
1,4-Dichlorobenzene	50	UG/L	10.0	U	U	Yes	
1,2-Dichlorobenzene	50	UG/L	10.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	50	UG/L	10.0	U	U	Yes	
1,2,4-Trichlorobenzene	50	UG/L	10.0	U	U	Yes	
1,2,3-Trichlorobenzene	50	UG/L	10.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-FB001-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	13:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-FB002-111012	pH:	2	Sample Date:	10/12/2011	Sample Time:	09:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	4.7	UG/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01A-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	10:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.2	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	4.7	UG/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01B-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	11:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.0	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	3.1	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.9	UG/L	1.0			Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01C-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	11:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	2.8	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	2.7	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01D-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	12:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	2.9	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	2.8	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01E-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	31	UG/L	1.0			Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	71	UG/L	1.0			Yes	
Methylene chloride	10	UG/L	1.0		U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	16	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	11	UG/L	1.0			Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	240	UG/L	1.0	E	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	3.9	UG/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	6.2	UG/L	1.0			Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	4.6	UG/L	1.0	J	J	Yes	
o-Xylene	9.4	UG/L	1.0			Yes	
m,p-Xylene	13	UG/L	1.0			Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	3.6	UG/L	1.0	J	J	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Benzene, 1,2,3,5-tetramethyl-			1.0	NJ		Yes	
Benzene, propyl-			1.0	NJ		Yes	
Indane			1.0	NJ		Yes	
Benzene, 1-ethyl-2-methyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	
Benzene, 1,2,4-trimethyl-			1.0	NJ		Yes	
Benzene, 1-ethyl-2-methyl-			1.0	NJ		Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzene, 1-ethyl-2-methyl-			1.0	NJ		Yes	
Benzene, 1-methyl-2-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1-methyl-4-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1-methyl-2-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1-methyl-2-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 4-ethyl-1,2-dimethyl-			1.0	NJ		Yes	
Benzene, 1-ethyl-2-methyl-			1.0	NJ		Yes	
Benzene, 1-methyl-2-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1,3,5-trimethyl-			1.0	NJ		Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q6DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01E-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	20	UG/L	4.0	U	U	Yes	
Chloromethane	20	UG/L	4.0	U	U	Yes	
Vinyl chloride	20	UG/L	4.0	U	U	Yes	
Bromomethane	20	UG/L	4.0	U	U	Yes	
Chloroethane	20	UG/L	4.0	U	U	Yes	
Trichlorofluorom ethane	20	UG/L	4.0	U	U	Yes	
1,1-Dichloroethene	20	UG/L	4.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	20	UG/L	4.0	U	U	Yes	
Acetone	31	UG/L	4.0	DJ	J	Yes	
Carbon disulfide	20	UG/L	4.0	U	U	Yes	
Methyl acetate	20	UG/L	4.0	U	U	Yes	
Methylene chloride	40	UG/L	4.0	DB	U	Yes	
trans-1,2-Dichloroethene	20	UG/L	4.0	U	U	Yes	
Methyl tert-butyl ether	20	UG/L	4.0	U	U	Yes	
1,1-Dichloroethane	15	UG/L	4.0	DJ	J	Yes	
cis-1,2-Dichloroethene	11	UG/L	4.0	DJ	J	Yes	
2-Butanone	40	UG/L	4.0	U	U	Yes	
Bromochloromet hane	20	UG/L	4.0	U	U	Yes	
Chloroform	20	UG/L	4.0	U	U	Yes	
1,1,1-Trichloroethane	180	UG/L	4.0	D		Yes	
Cyclohexane	20	UG/L	4.0	U	U	Yes	
Carbon tetrachloride	20	UG/L	4.0	U	U	Yes	
Benzene	20	UG/L	4.0	U	U	Yes	
1,2-Dichloroethane	20	UG/L	4.0	U	U	Yes	
1,4-Dioxane	400	UG/L	4.0	U	U	Yes	
Trichloroethene	20	UG/L	4.0	U	U	Yes	
Methylcyclohexa ne	20	UG/L	4.0	U	U	Yes	
1,2-Dichloropropane	20	UG/L	4.0	U	U	Yes	
Bromodichlorom	20	UG/L	4.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	20	UG/L	4.0	U	U	Yes	
cis-1,3-Dichloropropene	20	UG/L	4.0	U	U	Yes	
4-Methyl-2-pentanone	40	UG/L	4.0	U	U	Yes	
Toluene	20	UG/L	4.0	U	U	Yes	
trans-1,3-Dichloropropene	20	UG/L	4.0	U	U	Yes	
1,1,2-Trichloroethane	20	UG/L	4.0	U	U	Yes	
Tetrachloroethene	20	UG/L	4.0	U	U	Yes	
2-Hexanone	40	UG/L	4.0	U	U	Yes	
Dibromochloroethane	20	UG/L	4.0	U	U	Yes	
1,2-Dibromoethane	20	UG/L	4.0	U	U	Yes	
Chlorobenzene	20	UG/L	4.0	U	U	Yes	
Ethylbenzene	20	UG/L	4.0	U	U	Yes	
o-Xylene	20	UG/L	4.0	U	U	Yes	
m,p-Xylene	13	UG/L	4.0	DJ	J	Yes	
Styrene	20	UG/L	4.0	U	U	Yes	
Bromoform	20	UG/L	4.0	U	U	Yes	
Isopropylbenzene	20	UG/L	4.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	20	UG/L	4.0	U	U	Yes	
1,3-Dichlorobenzene	20	UG/L	4.0	U	U	Yes	
1,4-Dichlorobenzene	20	UG/L	4.0	U	U	Yes	
1,2-Dichlorobenzene	20	UG/L	4.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	20	UG/L	4.0	U	U	Yes	
1,2,4-Trichlorobenzene	20	UG/L	4.0	U	U	Yes	
1,2,3-Trichlorobenzene	20	UG/L	4.0	U	U	Yes	
Benzene, 1,2,3,4-tetramethyl-			4.0	DNJ		Yes	
Benzene, 1,2,3-trimethyl-			4.0	DNJ		Yes	
Benzene, 1,3,5-trimethyl-			4.0	DNJ		Yes	
Benzene, 1,2,4-trimethyl-			4.0	DNJ		Yes	
Benzene, 1-ethyl-3-methyl-			4.0	DNJ		Yes	
Benzene, propyl-			4.0	DNJ		Yes	
Benzene, 1-			4.0	DNJ		Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethyl-2-methyl-			4.0	DNJ		Yes	
Indane			4.0	DNJ		Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022A-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	16:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	24	UG/L	1.0			Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0		U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	20	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022B-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	15:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	24	UG/L	1.0		J	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0		U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.7	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	2.7	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022B-111011-D	pH:	2	Sample Date:	10/11/2011	Sample Time:	15:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	20	UG/L	1.0			Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0		U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.8	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	2.9	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW032-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	10:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	22	UG/L	1.0			Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0		U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.7	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	4.3	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	7.2	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	2.8	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW130A-111012	pH:	2	Sample Date:	10/12/2011	Sample Time:	11:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	UJ	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	16	UG/L	1.0	B	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	UJ	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	9.8	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	3.4	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	120	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW130B-111012	pH:	2	Sample Date:	10/12/2011	Sample Time:	09:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	J	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401A-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	12:05:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	UJ	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	B	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.9	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	3.3	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R3MS	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401A-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	12:05:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1-Dichloroethene	17	UG/L	1.0		J	Yes	
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Benzene	49	UG/L	1.0			Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Trichloroethene	42	UG/L	1.0			Yes	
Toluene	47	UG/L	1.0			Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	45	UG/L	1.0			Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	13	UG/L	1.0	B		Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	UJ	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.4	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	UJ	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	2.8	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	UJ	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R3MSD	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401A-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	12:05:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1-Dichloroethene	59	UG/L	1.0		J	Yes	
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Benzene	49	UG/L	1.0			Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Trichloroethene	41	UG/L	1.0			Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Toluene	46	UG/L	1.0			Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	44	UG/L	1.0			Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	15	UG/L	1.0	B		Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.8	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	3.0	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	UJ	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401B-111011	pH:	2	Sample Date:	10/11/2011	Sample Time:	13:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	12	UG/L	1.0	B	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.1	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	3.2	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	4.6	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401B-111011-D	pH:	2	Sample Date:	10/11/2011	Sample Time:	13:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	12	UG/L	1.0	B	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	4.6	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	2.7	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	4.0	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-TB001-111012	pH:	2	Sample Date:	10/12/2011	Sample Time:	08:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	14	UG/L	1.0	B		Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	UJ	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	VBLK5Q	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	5.0	UG/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	2.6	UG/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	3.3	UG/L	1.0	J	J	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	VBLK5S	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	6.0	UG/L	1.0			Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	VBLK79	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	5.0	UG/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	41863	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	VHBLK01	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	5.0	UG/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	U	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Appendix B – Analytical Data

Fourth Quarter, January 2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Review of Data
Received for Review on: 02 February 2012

FROM: Timothy Prendiville, Supervisor (SR-6J)
Superfund Contract Management Section

TO: Data User: CDM
Email Address: grabsjc@cdm.com

Level 3 Data Validation

We have reviewed the data for the following case:

SITE Name: Southeast Rockford GW Contamination (IL)

Case Number: 42130 SDG Number: E52P7

Number and Type of Samples: 20 Water Samples (Low VOA)

Sample Numbers: E52P7-E52P9, E52Q0-E52Q9, E52R0-E52R6

Laboratory: KAP Technologies Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SA-5J

Case Number: 42130

SDG Number: E52P7

Site Name: Southeast Rockford GW Contamination (IL) Laboratory: KAP Technologies

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Twenty (20) preserved water samples labeled E52P7-E52P9, E52Q0-E52Q9, and E52R0-E52R6, were shipped to KAP Technologies located in The Woodlands, TX . All samples were collected on 1/10/12 and 1/11/12 and received on 1/12/12 intact and properly cooled.

All samples were analyzed for the Low VOA list of compounds. All samples were analyzed according to CLP SOW SOM01.2 (6/2007) and reviewed according to the NFG for SOM01.2 and the SOP for ESAT 5/TechLaw Validation of Contract Laboratory Program Organic Data (Version 2.6).

Sample E52P9 was designated by the samplers to be used for laboratory QC, i.e. MS/MSD analyses.

Three (3) samples, E52Q3, E52Q5 and E52R6, are identified as field QC samples. As no samples have the same recorded collection dates/times and the samples are analyzed for only the volatile target compounds, they will be evaluated as trip blanks.

Case Number: 42130

SDG Number: E52P7

Site Name: Southeast Rockford GW Contamination (IL)

Laboratory: KAP Technologies

1. HOLDING TIME

No Problems Found.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No Problems Found.

3. CALIBRATION

The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. The compound was not detected in the samples. Non-detected compounds are qualified "R".

E52P7, E52P8, E52P9, E52P9MS, E52P9MSD, E52Q0, E52Q1, E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q7, E52Q8, E52Q9, E52R0, E52R1, E52R2, E52R3, E52R4, E52R5, E52R5DL, E52R6, VBLK38, VBLK40, VBLK45, VHBLK01
1,4-Dioxane

The following volatile samples are associated with an opening CCV percent difference (%D) outside criteria. The compound was not detected in the samples. Non-detected compounds are qualified "UJ".

E52P7, E52P8, E52P9, E52Q0, E52Q1, E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q7, E52Q8, E52Q9, E52R0, E52R1, E52R3, E52R4, E52R5, E52R6, VBLK38, VBLK40
Bromoform

4. BLANKS

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank has common contaminant analyte concentration less than 2x the concentration criteria. Reported sample concentrations have been elevated to 2x the CRQL and qualified "U".

E52P7, E52P8, E52P9, E52P9MS, E52P9MSD, E52Q0, E52Q1, E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q7, E52Q8, E52Q9, E52R0, E52R1, E52R2, E52R3, E52R4, E52R5, E52R5DL, E52R6, VHBLK01
Methylene chloride

The following volatile samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the concentration criteria. Reported sample concentrations have been elevated to the CRQL and qualified "U".

E52P7, E52P8, E52P9, E52Q0, E52Q1, E52R5DL
Toluene

Case Number: 42130

SDG Number: E52P7

Site Name: Southeast Rockford GW Contamination (IL) Laboratory: KAP Technologies

The following volatile samples have analyte concentrations reported greater than or equal to the CRQL and less than 2X the CRQL. The associated method blank concentration is less than the concentration criteria. Reported sample concentrations have been elevated to 2x the CRQL and qualified "U".

E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q7, E52R2
Toluene

The following volatile samples have TIC concentrations reported less than 5X the method blank concentration. Detected compounds are qualified "U" and deleted from the TIC report.

Unknown @ 10.96;
Cas No. 541-05-9 Cyclotrisiloxane, hexamethyl-
E52P7, E52P8, E52P9, E52Q0, E52Q1, E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q7,
E52Q8, E52Q9, E52R0, E52R1, E52R3, E52R4, E52R5, E52R5DL, E52R6, VHBLK01

Cas No. 556-67-2 Cyclotetrasiloxane, octamethyl-
E52P7, E52P8, E52P9, E52Q0, E52Q1, E52Q2, E52Q3, E52Q4, E52Q5, E52Q6, E52Q7,
E52Q8, E52Q9, E52R0, E52R1, E52R3, E52R4, E52R5

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. The compounds were not detected in the samples. Non-detected compounds are not qualified.

E52Q6, E52Q7, E52R5
Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane, Carbon disulfide

The following volatile samples have one or more DMC/SMC recovery values less than the primary lower limit but greater than or equal to the expanded lower limit (20%) of the criteria window. The compounds were not detected in the samples. Non-detected compounds are qualified "UJ".

E52P7
1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

E52P9
Cyclohexane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane,
1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

6A. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample E52P9 was designated by the samplers to be used for laboratory QC, i.e. MS/MSD analyses.

The following volatile matrix spike/matrix spike duplicate samples have percent recovery greater than or equal to the expanded lower acceptance limit (20%) but less than the primary lower acceptance limit. The compounds were not detected in the unspiked sample (E52P9). Non-detected compounds in the unspiked sample (E52P9) are qualified "UJ".

E52P9MS, E52P9MSD
1,1-Dichloroethene, Benzene

6B. LABORATORY CONTROL SAMPLE

Not applicable to VOA analyses.

7. FIELD BLANK AND FIELD DUPLICATE

Three (3) samples, E52Q3, E52Q5 and E52R6, are identified as field QC samples. As no samples have the same recorded collection dates/times and the samples are analyzed for only the volatile target compounds, they will be evaluated as trip blanks. No target compounds or TICs are reported for samples E52Q2 and E52Q5. Sample E52R6 reported one (1) VOA TIC.

8. INTERNAL STANDARDS

No Problems Found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified "J".

E52P8, E52P9, E52Q0, E52Q2, E52Q4, E52Q6, E52Q7, E52R4
cis-1,2-Dichloroethene, Trichloroethene

E52P9MS, E52P9MSD
cis-1,2-Dichloroethene

Case Number: 42130

SDG Number: E52P7

Site Name: Southeast Rockford GW Contamination (IL) Laboratory: KAP Technologies

E52Q8

cis-1,2-Dichloroethene, 1,1,1-Trichloroethane, Trichloroethene

E52Q9, E52R0, E52R1

1,1-Dichloroethane, cis-1,2-Dichloroethene, 1,1,1-Trichloroethane, Trichloroethene

E52R2

Tetrachloroethene

E52R3

1,1-Dichloroethane, cis-1,2-Dichloroethene, Trichloroethene

E52R5

Trichloroethene, Toluene, Tetrachloroethene, o-Xylene, m,p-Xylene

E52R5DL

1,1-Dichloroethane

VBLK38

Methylene chloride, Toluene

VBLK40

Methylene chloride

VBLK45

Toluene

A library search indicates a match at or above 85% for a TIC compound in the volatile sample. Detected compounds are qualified "NJ".

Cas No. 95-63-6 Benzene, 1,2,4-trimethyl-;

Cas No. 108-67-8 Benzene, 1,3,5-trimethyl-;

Cas No. 526-73-8 Benzene, 1,2,3-trimethyl-

E52R2, E52R5

Cas No. 95-93-2 Benzene, 1,2,4,5-tetramethyl-;

Cas No. 99-87-6 Benzene, 1-methyl-4-(1-methylethyl)-;

Cas No. 103-65-1 Benzene, propyl-;

Cas No. 527-53-7 Benzene, 1,2,3,5-tetramethyl-;

Cas No. 527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-;

Cas No. 611-14-3 Benzene, 1-ethyl-2-methyl-;

Cas No. 620-14-4 Benzene, 1-ethyl-3-methyl-;

Cas No. 874-41-9 Benzene, 1-ethyl-2,4-dimethyl-;

Cas No. 1074-43-7 Benzene, 1-methyl-3-propyl-

E52R2

Reviewed by: Michele Traina / Techlaw-ESAT

Date: 02/23/2012

Case Number: 42130

SDG Number: E52P7

Site Name: Southeast Rockford GW Contamination (IL)

Laboratory: KAP Technologies

Cas No. 103-09-3 Acetic acid, 2-ethylhexyl ester
E52R6

Cas No. 541-05-9 Cyclotrisiloxane, hexamethyl-
VBLK38, VBLK40, VBLK45

Cas No. 556-67-2 Cyclotetrasiloxane, octamethyl-
VBLK38, VBLK40

A library search indicates a match below 85% for a TIC compound in the volatile sample.
Detected compounds are qualified "J".

Unknown @ 5.28
E52R5, E52R5DL

Unknown @ 10.96
VBLK38, VBLK40, VBLK45

Unknown @ 11.01; Unknown @ 18.27
E52R2

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

12. ADDITIONAL INFORMATION

The following volatile samples have reported concentrations that exceeded the instrument's linear calibration range. These results were flagged "E" by the laboratory and are estimated "J". The results from the diluted samples should be used for result validation.

E52R5
1,1,1-Trichloroethane

TICs with no CAS Numbers were not reported in the EXES Sample Summary Report for the volatile samples. Please refer to Word document "42130 SDG E52P7 TIC" for the validated TIC results.

After comparing the VOA chromatograms for the TICs identified as Unknown @ 11.87 in sample E52R4, to TICs identified as Cas No. 541-05-9 Cyclotrisiloxane, hexamethyl- in sample VBLK40, the reviewer concluded that the same compound was being described in each sample. Copies of the chromatograms are enclosed.

CADRE Data Qualifier Sheet

<u>Qualifiers</u>	<u>Data Qualifier Definitions</u>
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Sample Summary Report

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52P7	pH:	2	Sample Date:	01/10/2012	Sample Time:	10:28:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	7.8	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	7.1	UG/L	1.0			Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	8.4	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0			Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Methylcyclohexane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	JB	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52P8	pH:	2	Sample Date:	01/10/2012	Sample Time:	11:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.6	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	4.1	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	6.6	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	2.5	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	JB	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52P9	pH:	2	Sample Date:	01/10/2012	Sample Time:	12:55:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	UJ	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.1	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	3.5	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.8	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	UJ	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	UJ	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.5	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	UJ	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	UJ	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	UJ	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	UJ	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	JB	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P9MS	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52P9	pH:	2	Sample Date:	01/10/2012	Sample Time:	12:55:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	20	UG/L	1.0			Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Benzene	32	UG/L	1.0			Yes	
Trichloroethene	41	UG/L	1.0			Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Toluene	42	UG/L	1.0	B		Yes	
Chlorobenzene	54	UG/L	1.0			Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.8	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	4.0	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.7	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52P9MSD	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52P9	pH:	2	Sample Date:	01/10/2012	Sample Time:	12:55:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1-Dichloroethene	23	UG/L	1.0			Yes	
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Benzene	35	UG/L	1.0			Yes	
Trichloroethene	45	UG/L	1.0			Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Toluene	46	UG/L	1.0	B		Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	59	UG/L	1.0			Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.3	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	3.9	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.5	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q0	pH:	2	Sample Date:	01/10/2012	Sample Time:	14:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.6	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	3.3	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.1	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.2	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	JB	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q1	pH:	2	Sample Date:	01/10/2012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	15	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	JB	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q2	pH:	2	Sample Date:	01/11/2012	Sample Time:	09:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	8.1	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	4.0	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	17	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.7	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	10	UG/L	1.0	B	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q3	pH:	2	Sample Date:	01/11/2012	Sample Time:	09:32:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	10	UG/L	1.0	B	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q4	pH:	2	Sample Date:	01/11/2012	Sample Time:	11:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	12	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	4.7	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	130	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	2.5	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	10	UG/L	1.0	B	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q5	pH:	2	Sample Date:	01/11/2012	Sample Time:	11:14:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	10	UG/L	1.0	B	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q6	pH:	2	Sample Date:	01/10/2012	Sample Time:	11:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	8.2	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	8.1	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	2.9	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	10	UG/L	1.0	B	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q7	pH:	2	Sample Date:	01/10/2012	Sample Time:	14:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	7.9	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	3.6	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	6.9	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.4	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	10	UG/L	1.0	B	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q8	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q8	pH:	2	Sample Date:	01/11/2012	Sample Time:	11:08:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.4	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	3.0	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	4.5	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.3	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52Q9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52Q9	pH:	2	Sample Date:	01/11/2012	Sample Time:	11:48:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.8	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	2.1	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	3.9	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.3	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52R0	pH:	2	Sample Date:	01/11/2012	Sample Time:	12:12:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	B	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.3	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	1.7	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	3.0	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.1	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.4	UG/L	1.0			Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52R1	pH:	2	Sample Date:	01/11/2012	Sample Time:	12:44:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	3.1	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	2.2	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	2.8	UG/L	1.0	J	J	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.1	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.5	UG/L	1.0			Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52R2	pH:	2	Sample Date:	01/11/2012	Sample Time:	12:44:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	180	UG/L	1.0			Yes	
Methylene chloride	10	UG/L	1.0	B	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	25	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	28	UG/L	1.0			Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	200	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	10	UG/L	1.0	B	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	3.7	UG/L	1.0	J	J	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	14	UG/L	1.0			Yes	
o-Xylene	26	UG/L	1.0			Yes	
m,p-Xylene	34	UG/L	1.0			Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	8.4	UG/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Benzene, 1,2,4,5-tetramethyl-			1.0	NJ		Yes	
Benzene, 1-ethyl-3-methyl-			1.0	NJ		Yes	
Benzene, 1-methyl-2-(1-methylethyl)-			1.0	NJ		Yes	
Benzene, 1-ethyl-2,4-dimethyl-			1.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			1.0	NJ		Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzene, 1,2,3,5-tetramethyl-			1.0	NJ		Yes	
Benzene, 1-ethyl-2-methyl-			1.0	NJ		Yes	
Benzene, 1-methyl-3-propyl-			1.0	NJ		Yes	
Benzene, propyl-			1.0	NJ		Yes	
Benzene, 1,2,4-trimethyl-			1.0	NJ		Yes	
Benzene, 1,3,5-trimethyl-			1.0	NJ		Yes	
Benzene, 1-methyl-4-(1-methyleth			1.0	NJ		Yes	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52R3	pH:	2	Sample Date:	01/11/2012	Sample Time:	11:40:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	4.2	UG/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	2.5	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	7.9	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.2	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.8	UG/L	1.0			Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52R4	pH:	2	Sample Date:	01/11/2012	Sample Time:	11:46:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	B	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.9	UG/L	1.0			Yes	
cis-1,2-Dichloroethene	2.4	UG/L	1.0	J	J	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	26	UG/L	1.0			Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	1.4	UG/L	1.0	J	J	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52R5	pH:	2	Sample Date:	01/11/2012	Sample Time:	11:51:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	10	UG/L	2.0	U	U	Yes	
Chloromethane	10	UG/L	2.0	U	U	Yes	
Vinyl chloride	10	UG/L	2.0	U	U	Yes	
Bromomethane	10	UG/L	2.0	U	U	Yes	
Chloroethane	10	UG/L	2.0	U	U	Yes	
Trichlorofluorom ethane	10	UG/L	2.0	U	U	Yes	
1,1-Dichloroethene	10	UG/L	2.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	UG/L	2.0	U	U	Yes	
Acetone	20	UG/L	2.0	U	U	Yes	
Carbon disulfide	10	UG/L	2.0	U	U	Yes	
Methyl acetate	10	UG/L	2.0	U	U	Yes	
Methylene chloride	20	UG/L	2.0	B	U	Yes	
trans-1,2-Dichloroethene	10	UG/L	2.0	U	U	Yes	
Methyl tert-butyl ether	10	UG/L	2.0	U	U	Yes	
1,1-Dichloroethane	22	UG/L	2.0			Yes	
cis-1,2-Dichloroethene	10	UG/L	2.0	U	U	Yes	
2-Butanone	20	UG/L	2.0	U	U	Yes	
Bromochloromet hane	10	UG/L	2.0	U	U	Yes	
Chloroform	10	UG/L	2.0	U	U	Yes	
1,1,1-Trichloroethane	940	UG/L	2.0	E	J	Yes	
Cyclohexane	10	UG/L	2.0	U	U	Yes	
Carbon tetrachloride	10	UG/L	2.0	U	U	Yes	
Benzene	10	UG/L	2.0	U	U	Yes	
1,2-Dichloroethane	10	UG/L	2.0	U	U	Yes	
1,4-Dioxane	200	UG/L	2.0	U	R	Yes	
Trichloroethene	5.4	UG/L	2.0	J	J	Yes	
Methylcyclohexa ne	10	UG/L	2.0	U	U	Yes	
1,2-Dichloropropane	10	UG/L	2.0	U	U	Yes	
Bromodichlorom	10	UG/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	10	UG/L	2.0	U	U	Yes	
cis-1,3-Dichloropropene	10	UG/L	2.0	U	U	Yes	
4-Methyl-2-pentanone	20	UG/L	2.0	U	U	Yes	
Toluene	6.8	UG/L	2.0	J	J	Yes	
trans-1,3-Dichloropropene	10	UG/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	10	UG/L	2.0	U	U	Yes	
Tetrachloroethene	2.2	UG/L	2.0	J	J	Yes	
2-Hexanone	20	UG/L	2.0	U	U	Yes	
Dibromochloromethane	10	UG/L	2.0	U	U	Yes	
1,2-Dibromoethane	10	UG/L	2.0	U	U	Yes	
Chlorobenzene	10	UG/L	2.0	U	U	Yes	
Ethylbenzene	10	UG/L	2.0	U	U	Yes	
o-Xylene	2.1	UG/L	2.0	J	J	Yes	
m,p-Xylene	2.4	UG/L	2.0	J	J	Yes	
Styrene	10	UG/L	2.0	U	U	Yes	
Bromoform	10	UG/L	2.0	U	UJ	Yes	
Isopropylbenzene	10	UG/L	2.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	10	UG/L	2.0	U	U	Yes	
1,3-Dichlorobenzene	10	UG/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	10	UG/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	10	UG/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	10	UG/L	2.0	U	U	Yes	
1,2,4-Trichlorobenzene	10	UG/L	2.0	U	U	Yes	
1,2,3-Trichlorobenzene	10	UG/L	2.0	U	U	Yes	
Benzene, 1,3,5-trimethyl-			2.0	NJ		Yes	
Cyclotrisiloxane, hexamethyl-			2.0	NJ		No	
Cyclotetrasiloxane, octamethyl-			2.0	NJ		No	
Benzene, 1,2,4-trimethyl-			2.0	NJ		Yes	
Benzene, 1,2,3-trimethyl-			2.0	NJ		Yes	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R5DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52R5	pH:	2	Sample Date:	01/11/2012	Sample Time:	11:51:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	50	UG/L	10.0	U	U	Yes	
Chloromethane	50	UG/L	10.0	U	U	Yes	
Vinyl chloride	50	UG/L	10.0	U	U	Yes	
Bromomethane	50	UG/L	10.0	U	U	Yes	
Chloroethane	50	UG/L	10.0	U	U	Yes	
Trichlorofluorom ethane	50	UG/L	10.0	U	U	Yes	
1,1-Dichloroethene	50	UG/L	10.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	50	UG/L	10.0	U	U	Yes	
Acetone	100	UG/L	10.0	U	U	Yes	
Carbon disulfide	50	UG/L	10.0	U	U	Yes	
Methyl acetate	50	UG/L	10.0	U	U	Yes	
Methylene chloride	100	UG/L	10.0	DB	U	Yes	
trans-1,2-Dichloroethene	50	UG/L	10.0	U	U	Yes	
Methyl tert-butyl ether	50	UG/L	10.0	U	U	Yes	
1,1-Dichloroethane	17	UG/L	10.0	DJ	J	Yes	
cis-1,2-Dichloroethene	50	UG/L	10.0	U	U	Yes	
2-Butanone	100	UG/L	10.0	U	U	Yes	
Bromochloromet hane	50	UG/L	10.0	U	U	Yes	
Chloroform	50	UG/L	10.0	U	U	Yes	
1,1,1-Trichloroethane	710	UG/L	10.0	D		Yes	
Cyclohexane	50	UG/L	10.0	U	U	Yes	
Carbon tetrachloride	50	UG/L	10.0	U	U	Yes	
Benzene	50	UG/L	10.0	U	U	Yes	
1,2-Dichloroethane	50	UG/L	10.0	U	U	Yes	
1,4-Dioxane	1000	UG/L	10.0	U	R	Yes	
Trichloroethene	50	UG/L	10.0	U	U	Yes	
Methylcyclohexa ne	50	UG/L	10.0	U	U	Yes	
1,2-Dichloropropane	50	UG/L	10.0	U	U	Yes	
Bromodichlorom	50	UG/L	10.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	50	UG/L	10.0	U	U	Yes	
cis-1,3-Dichloropropene	50	UG/L	10.0	U	U	Yes	
4-Methyl-2-pentanone	100	UG/L	10.0	U	U	Yes	
Toluene	50	UG/L	10.0	DJB	U	Yes	
trans-1,3-Dichloropropene	50	UG/L	10.0	U	U	Yes	
1,1,2-Trichloroethane	50	UG/L	10.0	U	U	Yes	
Tetrachloroethene	50	UG/L	10.0	U	U	Yes	
2-Hexanone	100	UG/L	10.0	U	U	Yes	
Dibromochloromethane	50	UG/L	10.0	U	U	Yes	
1,2-Dibromoethane	50	UG/L	10.0	U	U	Yes	
Chlorobenzene	50	UG/L	10.0	U	U	Yes	
Ethylbenzene	50	UG/L	10.0	U	U	Yes	
o-Xylene	50	UG/L	10.0	U	U	Yes	
m,p-Xylene	50	UG/L	10.0	U	U	Yes	
Styrene	50	UG/L	10.0	U	U	Yes	
Bromoform	50	UG/L	10.0	U	U	Yes	
Isopropylbenzene	50	UG/L	10.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	50	UG/L	10.0	U	U	Yes	
1,3-Dichlorobenzene	50	UG/L	10.0	U	U	Yes	
1,4-Dichlorobenzene	50	UG/L	10.0	U	U	Yes	
1,2-Dichlorobenzene	50	UG/L	10.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	50	UG/L	10.0	U	U	Yes	
1,2,4-Trichlorobenzene	50	UG/L	10.0	U	U	Yes	
1,2,3-Trichlorobenzene	50	UG/L	10.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			10.0	DNJ		No	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	E52R6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	E52R6	pH:	2	Sample Date:	01/11/2012	Sample Time:	10:37:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	
Acetic acid, 2-ethylhexyl ester			1.0	NJ		Yes	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	VBLK38	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	3.3	UG/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	2.1	UG/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		Yes	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	VBLK40	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	4.2	UG/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	UJ	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		Yes	
Cyclotetrasiloxane, octamethyl-			1.0	NJ		Yes	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	VBLK45	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	7.5	UG/L	1.0			Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	2.0	UG/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		Yes	

Case No:	42130	Contract:	EPW11031	SDG No:	E52P7	Lab Code:	KAP
Sample Number:	VHBLK01	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoro methane	5.0	UG/L	1.0	U	U	Yes	
Chloromethane	5.0	UG/L	1.0	U	U	Yes	
Vinyl chloride	5.0	UG/L	1.0	U	U	Yes	
Bromomethane	5.0	UG/L	1.0	U	U	Yes	
Chloroethane	5.0	UG/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UG/L	1.0	U	U	Yes	
Acetone	10	UG/L	1.0	U	U	Yes	
Carbon disulfide	5.0	UG/L	1.0	U	U	Yes	
Methyl acetate	5.0	UG/L	1.0	U	U	Yes	
Methylene chloride	10	UG/L	1.0	JB	U	Yes	
trans-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	UG/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Butanone	10	UG/L	1.0	U	U	Yes	
Bromochloromet hane	5.0	UG/L	1.0	U	U	Yes	
Chloroform	5.0	UG/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Cyclohexane	5.0	UG/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	UG/L	1.0	U	U	Yes	
Benzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	UG/L	1.0	U	U	Yes	
1,4-Dioxane	100	UG/L	1.0	U	R	Yes	
Trichloroethene	5.0	UG/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	UG/L	1.0	U	U	Yes	
Bromodichlorom	5.0	UG/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ethane	5.0	UG/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	10	UG/L	1.0	U	U	Yes	
Toluene	5.0	UG/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	UG/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	UG/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	UG/L	1.0	U	U	Yes	
2-Hexanone	10	UG/L	1.0	U	U	Yes	
Dibromochloroethane	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	UG/L	1.0	U	U	Yes	
Chlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Ethylbenzene	5.0	UG/L	1.0	U	U	Yes	
o-Xylene	5.0	UG/L	1.0	U	U	Yes	
m,p-Xylene	5.0	UG/L	1.0	U	U	Yes	
Styrene	5.0	UG/L	1.0	U	U	Yes	
Bromoform	5.0	UG/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	UG/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	UG/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	UG/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	UG/L	1.0	U	U	Yes	
Cyclotrisiloxane, hexamethyl-			1.0	NJ		No	

